INDEX TO DRAWINGS

GENERAL

DWG NO	TITLE	FILE NAME
N/A	COVER SHEET	357G000.DGN
G-001	INDEX, LOCATION & VICINITY MAP	357G001.DGN
G-002	GENERAL NOTES, LEGEND, ABBREVIATIONS	357G002.DGN

SURVEY & MAPPING

DWG NO	TITLE	FILE NAME
V-101	R.O.W. AND SURVEY CONTROL PLAN	357V101.DGN

CIVIL

DWG NO	TITLE	FILE NAME
C-101	SITE PLAN	357C101.DGN
C-102	GRADING PLAN	357C102.DGN
C-103	GRASSING PLAN	357C103.DGN
C-301	SITE CROSS SECTIONS	357C301.DGN
C-501	WELL DETAILS	357C501.DGN
C-502	UTILITY PROFILE & DETAILS	357C502.DGN
C-503	PAVING SECTIONS & DETAILS	357C503.DGN
C-504	STAFF GAGE & WARNING SIGN DETAILS	357C504.DGN
C-505	FENCE DETAILS	357C505.DGN

GEOTECHNICAL

DWG NO	TITLE	FILE NAME
B-601	GEOLOGICAL CROSS SECTIONS	357B601.DGN

STRUCTURAL

DWG NO	TITLE	FILE NAME
S-001	STRUCTURAL GENERAL NOTES	357S001.DGN
S-101	COFFERDAM PLAN AND SECTIONS	357S101.DGN
S-102	NOT USED	
S-103	COFFERDAM SECTIONS AND DETAILS	357S103.DGN
S-104	NOT USED	
S-105	PLAN BELOW EL. 8.00'	357S105.DGN
S-106	PLAN AT SERVICE BRIDGE	357S106.DGN
S-107	FLOOR PLAN-OPERATING FLOOR/SERVICE PLATFORM	357S107.DGN
S-108	ROOF PLAN AND ROOF PLAN SECTIONS	357S108.DGN
S-109	ROOF DETAILS AND SECTIONS	357S109.DGN
S-110	CRANE PLAN AND CRANE PLAN SECTIONS	357S110.DGN
S-301	SUBSTRUCTURE SECTION A-A - REINFORCING	357S301.DGN
S-302	SUBSTRUCTURE SECTION B-B - REINFORCING	357S302.DGN
S-303	SUBSTRUCTURE SECTION C-C - REINFORCING	357S303.DGN
S-304	SUBSTRUCTURE SECTION D-D AND E-E - REINFORCING	357S304.DGN
S-305	PLAN BEL EL 8.00' AND FUEL TANK STOR REINF PAD	357S305.DGN
S-306	REINFORCING PLAN AT SERVICE BRIDGE	357S306.DGN
S-307	REINF PLAN FOR OPER FLR AND SERV PLATFM SHT 1	357S307.DGN
S-308	REINFORCING PLAN FOR OPERATING FLOOR SHT 2	357S308.DGN
S-309	BUILDING FTGS AND RETAINING WALL REINFORCING	357S309.DGN
S-310	RAMPS, STAIRS AND RETAINING WALL REINFORCING	357S310.DGN
S-505	EMBEDS AND REINFORCING SECTIONS AND DETAILS	357S505.DGN
S-506	MISC. EMDEDS, SECTIONS AND DETAILS	357S506.DGN
S-510	DEWATERING NEEDLE DETAILS AND SECTIONS	357S510.DGN
S-511	DEWATERING NEEDLE DETAILS	357S511.DGN
S-512	DEWATERING NEEDLE SPREADER BEAM DETAILS	357S512.DGN
S-600	CMU WALL ELEVATIONS AT GRIDS 2, 7 AND A	357S600.DGN
S-601	CMU WALL ELEVATIONS AT GRIDS 1 AND B	357S601.DGN
S-602	CMU WALL SECTIONS	357S602.DGN
S-603	CMU WALL STANDARDS-SHEET 1 OF 2	357S603.DGN
S-604	CMU WALL STANDARDS-SHEET 2 OF 2	357S604.DGN
S-700	CONCRETE AND REINFORCING STANDARDS	357S700.DGN

ARCHITECTURAL

DWG NO	TITLE	FILE NAME
A-100	ABBREVIATIONS, SYMBOLS & NOTES	357A100.DGN
A-101	PLAN AT ELEVATION 18.5	357A101.DGN
A-102	ROOF PLAN	357A102.DGN
A-103	REFLECTED CEILING PLAN	357A103.DGN
A-201	EXTERIOR ELEVATIONS	357A201.DGN
A-301	BUILDING SECTIONS	357A301.DGN
A-302	WALL SECTIONS	357A302.DGN
A-303	WALL SECTIONS	357A303.DGN
A-401	DETAILS	357A401.DGN
A-402	DETAILS	357A402.DGN
A-403	DETAILS	357A403.DGN

MECHANICAL

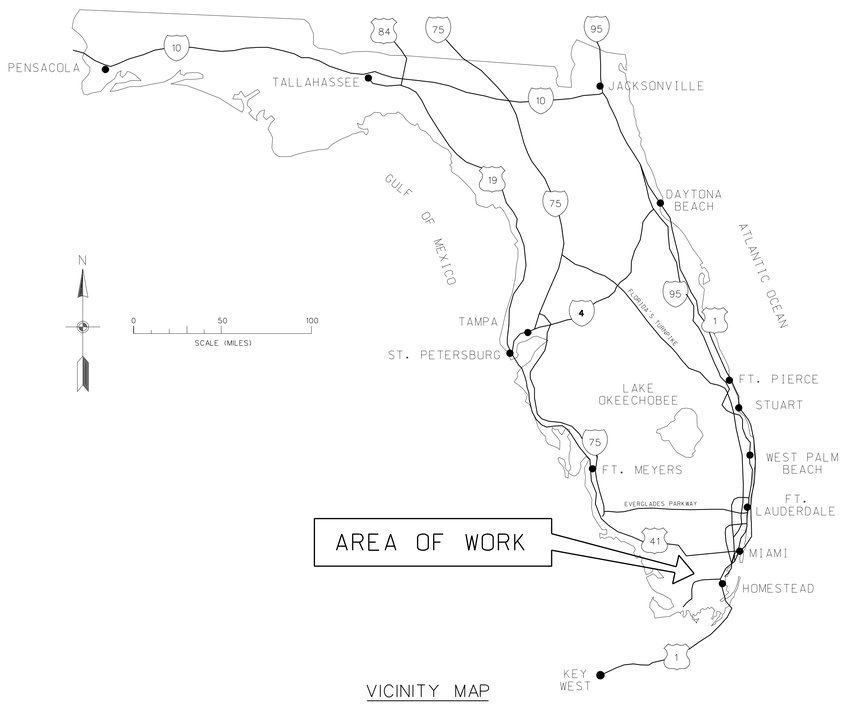
DWG NO	TITLE	FILE NAME
M-001	MECHANICAL NOTES, LEGEND AND ABBREVIATIONS	357M001.DGN
M-101	PIPING AND EQUIPMENT PLAN	357M101.DGN
M-102	HVAC & PLUMBING PLAN	357M102.DGN
M-301	125 CFS PUMP SECTION	357M301.DGN
M-302	75 CFS PUMP SECTION	357M302.DGN
M-303	MISCELLANEOUS SECTIONS & DETAILS	357M303.DGN
M-401	FUEL OIL STORAGE TANKS PLAN	357M401.DGN
M-501	EQUIPMENT DETAILS	357M501.DGN
M-502	STILLING WELL DETAILS	357M502.DGN
M-601	SCHEDULES	357M601.DGN
M-602	SCHEMATICS	357M602.DGN
M-603	SCHEMATICS	357M603.DGN
M-604	WELL WATER SCHEMATICS & HVAC AIR FLOW DIAGRAM	357M604.DGN
M-605	RISER DIAGRAMS	357M605.DGN

ELECTRICAL

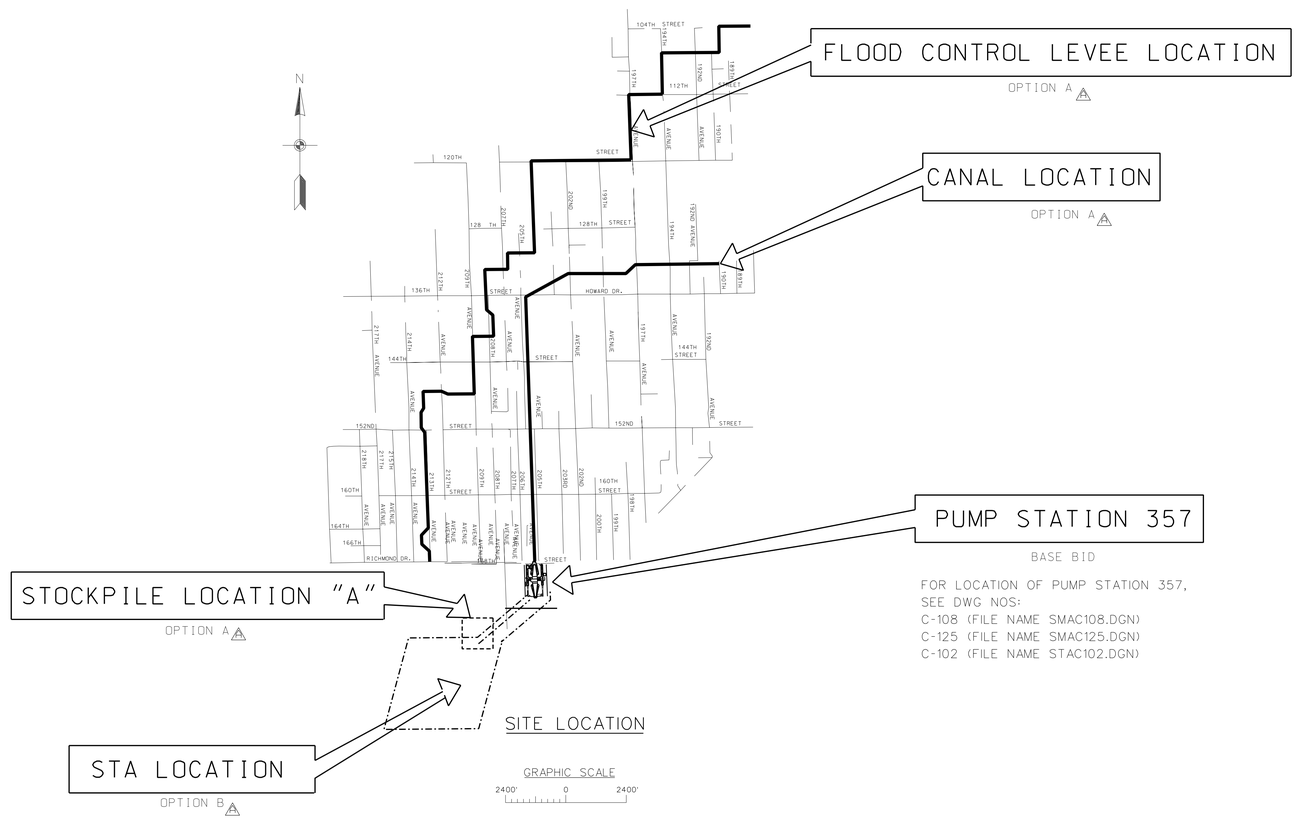
DWG NO	TITLE	FILE NAME
E-001	ELECTRICAL AND CONTROL LEGEND	357E001.DGN
E-101	ELECTRICAL SITE PLAN	357E101.DGN
E-102	POWER AND CONTROL PLAN - OPERATING FLOOR	357E102.DGN
E-103	POWER AND CONTROL PLAN - SERVICE BRIDGE	357E103.DGN
E-104	LIGHTING, RECEPT AND COMM PLAN-OPERATING FLOOR	357E104.DGN
E-105	LIGHTING PLAN - SERVICE BRIDGE	357E105.DGN
E-106	GROUNDING PLAN - OPERATING FLOOR	357E106.DGN
E-107	GROUNDING PLAN - SERVICE BRIDGE	357E107.DGN
E-108	LIGHTNING PROTECTION - PLANS	357E108.DGN
E-501	ELECTRICAL DETAILS	357E501.DGN
E-502	60' CONCRETE ANTENNA POLE	357E502.DGN
E-503	GROUNDING AND LIGHTNING DETAILS	357E503.DGN
E-601	ONE-LINE DIAGRAM - POWER	357E601.DGN
E-602	PANEL SCHEDULES	357E602.DGN
E-603	POWER CABLE SCHEDULE	357E603.DGN
E-604	CONTROL DIAGRAM - SHEET 1 OF 2	357E604.DGN
E-605	CONTROL DIAGRAM - SHEET 2 OF 2	357E605.DGN
E-606	LIGHTING FIXTURE SCHEDULE AND PLANS	357E606.DGN
E-607	SCADA I/O LIST - SHEET 1	357E607.DGN
E-608	SCADA I/O LIST - SHEET 2	357E608.DGN
E-609	SCADA I/O LIST - SHEET 3	357E609.DGN
E-610	ENGINE INSTR BOARD INTERFACE DIAGRAM SHT 1 OF 2	357E610.DGN
E-611	ENGINE INSTR BOARD INTERFACE DIAGRAM SHT 2 OF 2	357E611.DGN
E-612	MAIN CONTROL PNL INTERFACE DIAGRAM SHT 1 OF 2	357E612.DGN
E-613	MAIN CONTROL PNL INTERFACE DIAGRAM SHT 2 OF 2	357E613.DGN
E-614	MISCELLANEOUS INTERFACE DIAGRAMS	357E614.DGN
E-701	SECURITY ALARM/CCTV SINGLE LINE DIAGRAM	357E701.DGN
E-702	SECURITY ALARM/CCTV FLOOR PLAN	357E702.DGN
E-703	SECURITY ALARM DETAILS	357E703.DGN

FIRE DETECTION

DWG NO	TITLE	FILE NAME
F-101	FIRE ALARM LEGEND AND SINGLE LINE	357F101.DGN
F-102	FIRE ALARM FLOOR PLAN	357F102.DGN



VICINITY MAP



SITE LOCATION

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
4	4	1E	REVISED TO ACCOMPANY AMENDMENT NO 0/2021	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: K.T.D.
Dwn by: R.A.K.
Ckd by: R.R.M.
Inv. No. W912EP-04-R-0006
Scale: NONE
Dated: SEP 2001
D.O.FILE NO. 402-38.237

File name: 357G001.DGN
Reference files: 357GBS21.DGN

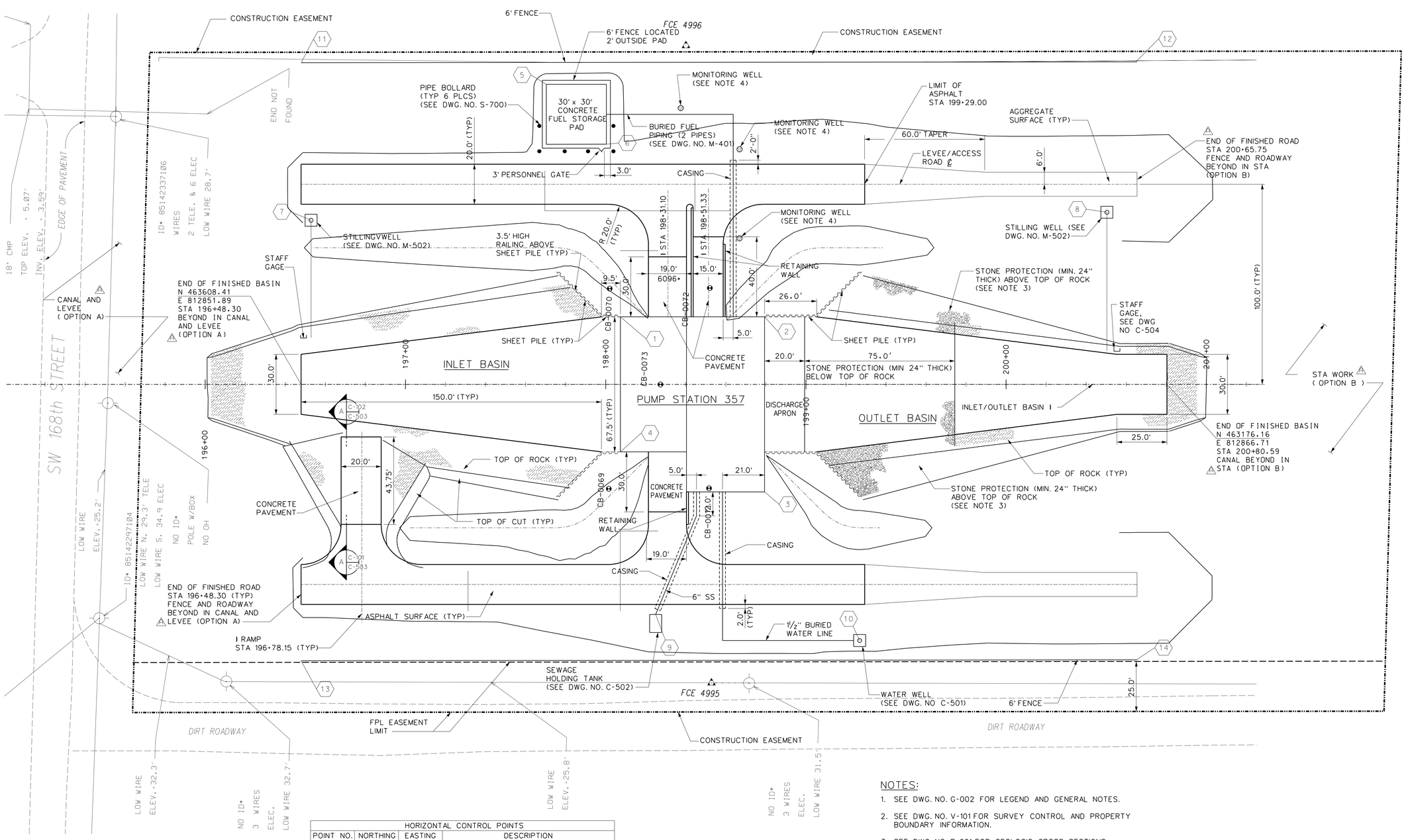
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
PUMP STATION 357
GENERAL
INDEX, LOCATION & VICINITY MAP

DRAWING NO.
G-001

SHEET OF

$DATE$ $FILE$ $TIME$

357g001.dgn 05/25/2004 01:03:17 PM



HORIZONTAL CONTROL POINTS			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1	463450.16	812891.08	NE CORNER OF PUMP STATION
2	463378.20	812893.55	SE CORNER OF PUMP STATION
3	463375.20	812806.10	SW CORNER OF PUMP STATION
4	463447.85	812823.62	NW CORNER OF PUMP STATION
5	463491.12	813005.99	NE CORNER OF FUEL STORAGE PAD
6	463460.11	812977.04	SW CORNER OF FUEL STORAGE PAD
7	463606.22	812934.00	CENTER OF INLET BASIN STILLING WELL
8	463209.09	812951.63	CENTER OF OUTLET BASIN STILLING WELL
9	463427.47	812743.02	END OF SANITARY SEWER
10	463325.23	812733.52	CENTER OF WATER WELL
11	463613.93	813012.54	NE FENCE CORNER
12	463196.63	813027.30	SE FENCE CORNER
13	463603.67	812713.85	NW FENCE CORNER
14	463186.39	812728.61	SW FENCE CORNER

NOTES:

1. SEE DWG. NO. G-002 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. V-101 FOR SURVEY CONTROL AND PROPERTY BOUNDARY INFORMATION.
3. SEE DWG. NO. B-601 FOR GEOLOGIC CROSS SECTIONS TO DETERMINE TOP OF ROCK. TOP OF ROCK EQUALS TOP OF MIAMI OOLITE.
4. MONITORING WELLS TO BE SPACED AT 50' MAX. ALONG BURIED FUEL PIPING. SEE DWG. NO. C-501 FOR TYPICAL MONITORING WELL DETAIL.
5. SEE DWG. NO. C-505 FOR FENCE DETAILS.

1"=20'
20' 0 20'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
6	4A/H		REVISED TO ACCOMPANY AMENDMENT NO 0/0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Scale: AS SHOWN
Designed by: MWS
Dwn by: ECO
Ckd by: TDK
Dated: SEP 2001
D.O.FILE NO. 402-38.237

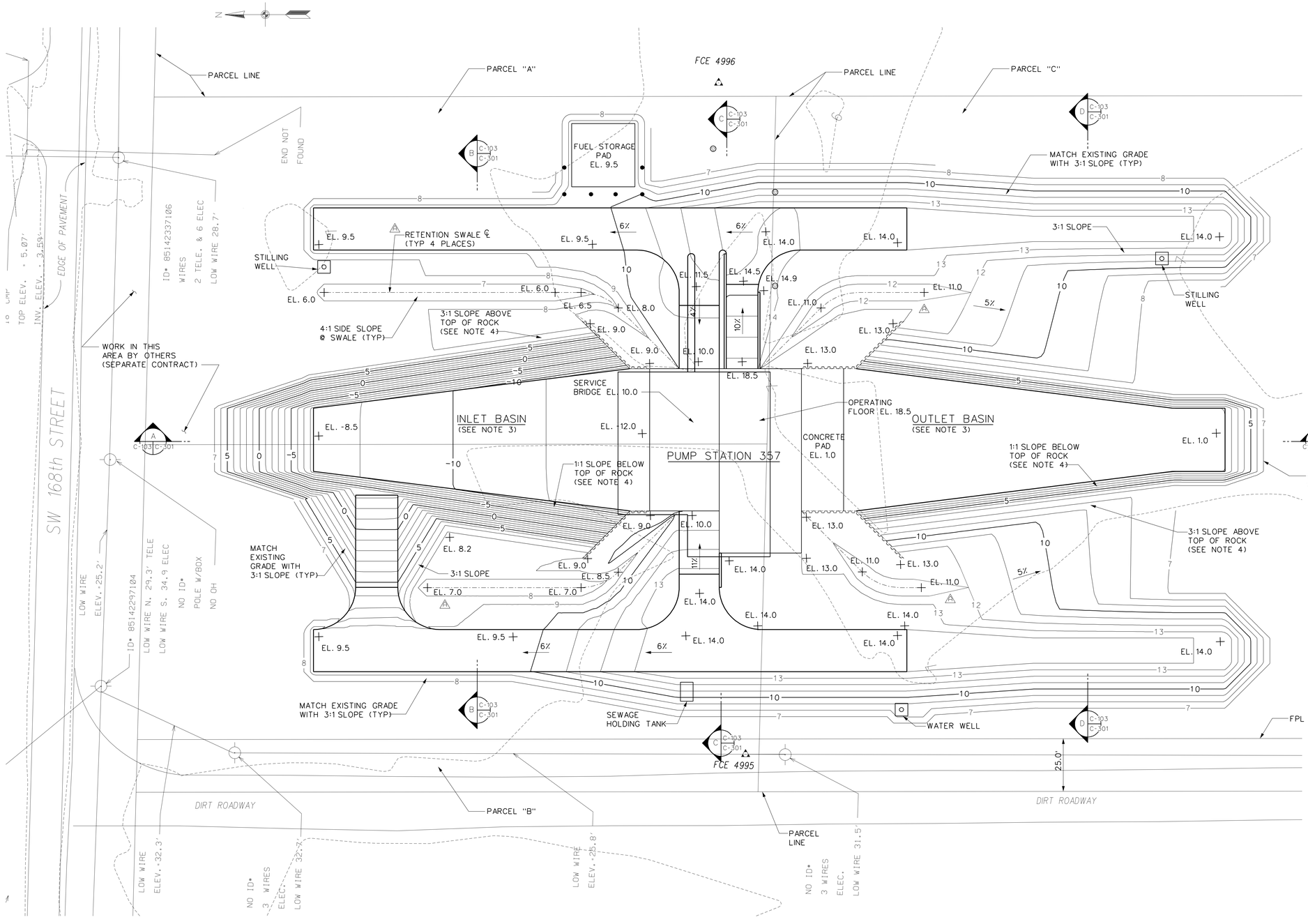
File name: 357C101.DGN
Reference files:
357GBSZ1.DGN
357GBPZ1.DGN
357CPFZ1.DGN
357CPTZ1.DGN
357CPZ1.DGN
357CEAS.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
PUMP STATION 357
CIVIL
SITE PLAN

DRAWING NO.
C-101

$DATE$ $TIME$ $FILE$

357c101.dgn 05/25/2004 01:00:01 PM



NOTES:

1. SEE DWG. NO. G-002 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. V-101 FOR SURVEY CONTROL AND PROPERTY BOUNDARY INFORMATION.
3. EXCAVATION FOR INLET AND OUTLET BASINS WILL NOT BE ALLOWED UNTIL CONSTRUCTION OF PUMP STATION FLOOR AT ELEVATION 18.5 IS COMPLETED.
4. SEE DWG. NO. B-601 FOR GEOLOGIC CROSS SECTIONS TO DETERMINE TOP OF ROCK. TOP OF ROCK EQUALS TOP OF MIAMI OOLITE.
5. TOP OF LEVEES SHALL SLOPE TOWARD BASINS AT 2%.

1"=20'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
4	A	3F	REVISED TO ACCOMPANY AMENDMENT NO 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Scale: AS SHOWN

Designed by: MWS
Dwn by: ECO
Ckd by: TDK

Dated: SEP 2001

D.O. FILE NO. 402-38.237

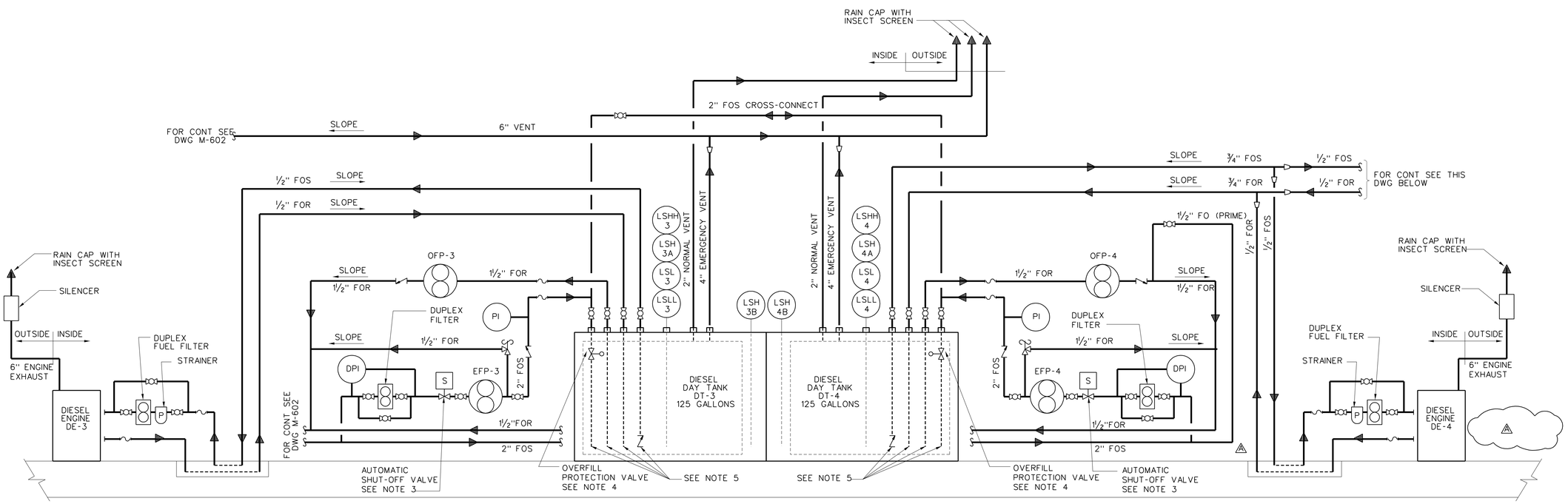
File name: 357C102.DGN
Reference files: 357CBS21.DGN, 357CGP21.DGN, 357CSP21.DGN, 357CTP21.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
PUMP STATION 357
CIVIL
GRADING PLAN

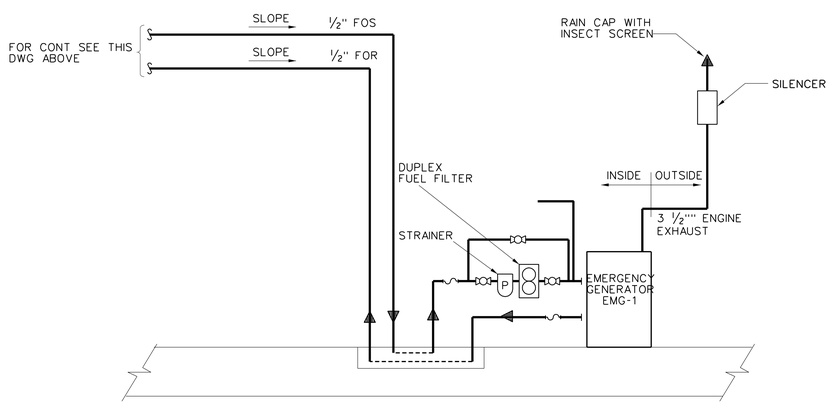
DRAWING NO.
C-102

357c102.dgn 05/25/2004 01:01:50 PM

$DATE$ $TIME$ $FILE$



DIESEL FUEL OIL DISTRIBUTION



DIESEL FUEL OIL DISTRIBUTION

NOTES:

1. FOR DRAWING INDEX SEE DRAWING G-001.
2. FOR MECHANICAL GENERAL NOTES, LEGEND, AND ABBREVIATIONS, SEE DRAWING M-001.
3. TANK CONTROLS ARE DESCRIBED IN SPECIFICATION SECTION 13202.
4. OVERFILL PROTECTION VALVE SHALL BE INSTALLED TO SHUT OFF FUEL SUPPLY AT 90 PERCENT TANK LEVEL.
5. EXTEND FUEL LINES TO 6 INCHES ABOVE TANK BOTTOM.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	4H		REVISED TO ACCOMPANY AMENDMENT NO 0/2001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Scale: NONE
Designed by: K.T.D.
Drawn by: R.A.K.
Cad by: R.R.M.
Dated: SEP 2001
D.O.FILE NO. 402-38.237
File name: 357M603.DGN
Reference files: 357GBSZ1.DGN

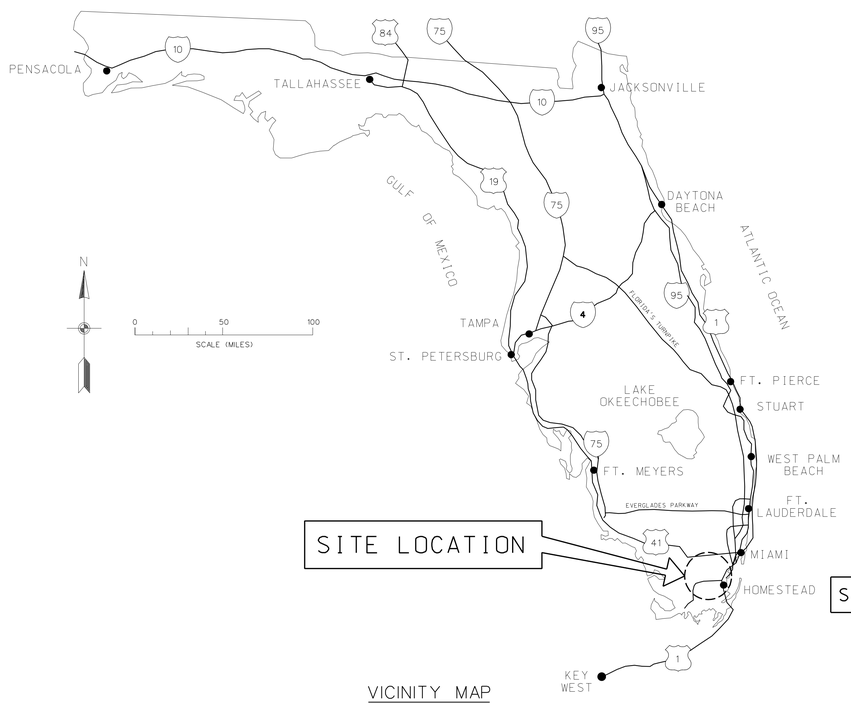
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
PUMP STATION 357
MECHANICAL SCHEMATICS

DRAWING NO.
M-603

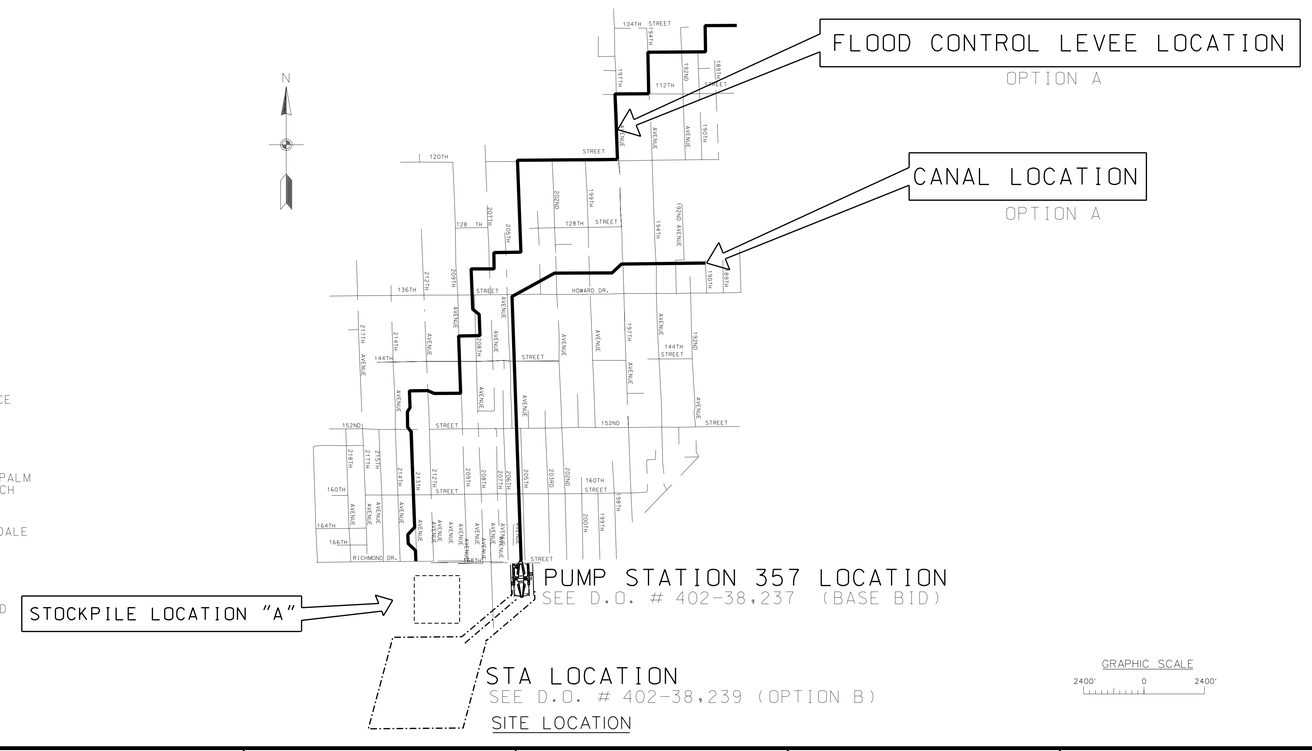
357m603.dgn 05/27/2004 01:34:37 PM
$DATE$ $FILE$ $TIME$

INDEX TO DRAWINGS

DWG NO	TITLE	FILE NO
	GENERAL	
G-000	COVER	SMAG000.DGN
G-001	INDEX, LOCATION & VICINITY MAP	SMAG001.DGN
G-002	SURVEY CONTROL DATA	SMAG002.DGN
G-003	GENERAL NOTES, LEGEND, ABBREVIATIONS	SMAG003.DGN
	CIVIL	
C-101	KEY PLAN	SMAC101.DGN
C-102	SITE PLAN 1 CANAL	SMAC102.DGN
C-103	SITE PLAN 2 CANAL	SMAC103.DGN
C-104	SITE PLAN 3 CANAL	SMAC104.DGN
C-105	SITE PLAN 4 CANAL	SMAC105.DGN
C-106	SITE PLAN 5 CANAL	SMAC106.DGN
C-107	SITE PLAN 6 CANAL	SMAC107.DGN
C-108	SITE PLAN 7 CANAL	SMAC108.DGN
C-109	SITE PLAN 8 FLOOD CONRTOL LEVEE	SMAC109.DGN
C-110	SITE PLAN 9 FLOOD CONTROL LEVEE	SMAC110.DGN
C-111	SITE PLAN 10 FLOOD CONTROL LEVEE	SMAC111.DGN
C-112	SITE PLAN 11 FLOOD CONTROL LEVEE	SMAC112.DGN
C-113	SITE PLAN 12 FLOOD CONTROL LEVEE	SMAC113.DGN
C-114	SITE PLAN 13 FLOOD CONTROL LEVEE	SMAC114.DGN
C-115	SITE PLAN 14 FLOOD CONTROL LEVEE	SMAC115.DGN
C-116	SITE PLAN 15 FLOOD CONTROL LEVEE	SMAC116.DGN
C-117	SITE PLAN 16 FLOOD CONTROL LEVEE	SMAC117.DGN
C-118	SITE PLAN 17 FLOOD CONTROL LEVEE	SMAC118.DGN
C-119	SITE PLAN 18 FLOOD CONTROL LEVEE	SMAC119.DGN
C-120	SITE PLAN 19 FLOOD CONTROL LEVEE	SMAC120.DGN
C-121	SITE PLAN 20 STOCKPILE LOCATION "A"	SMAC121.DGN
C-122	197TH AVENUE STRUCTURE CULVERT SITE PLAN	SMAC122.DGN
C-123	136TH STREET STRUCTURE CULVERT SITE PLAN	SMAC123.DGN
C-124	152ND STREET STRUCTURE CULVERT SITE PLAN	SMAC124.DGN
C-125	168TH STREET STRUCTURE CULVERT SITE PLAN	SMAC125.DGN
C-126	TYPICAL CANAL SECTIONS & DETAILS	SMAC126.DGN
C-127	TYPICAL FLOOD CONTROL LEVEE SECTIONS & DETAILS	SMAC127.DGN
C-128	ROAD PROFILES	SMAC128.DGN
C-129	TYPICAL ROAD SECTIONS & DETAILS 1	SMAC129.DGN
C-130	TYPICAL ROAD SECTIONS & DETAILS 2	SMAC130.DGN
C-131	FENCE DETAILS	SMAC131.DGN
C-132	GATE DETAILS	SMAC132.DGN
C-133	TRAFFIC MANAGEMENT KEY PLAN	SMAC133.DGN
C-134	TRAFFIC MANAGEMENT PLAN 1	SMAC134.DGN
C-135	TRAFFIC MANAGEMENT PLAN 2	SMAC135.DGN
C-136	CANAL CROSS SECTIONS STA 19+50 TO STA 28+00	SMAC136.DGN
C-137	CANAL CROSS SECTIONS STA 30+00 TO STA 40+00	SMAC137.DGN
C-138	CANAL CROSS SECTIONS STA 42+00 TO STA 52+00	SMAC138.DGN
C-139	CANAL CROSS SECTIONS STA 54+00 TO STA 64+00	SMAC139.DGN
C-140	CANAL CROSS SECTIONS STA 66+00 TO STA 76+00	SMAC140.DGN
C-141	CANAL CROSS SECTIONS STA 78+00 TO STA 88+00	SMAC141.DGN
C-142	CANAL CROSS SECTIONS STA 90+00 TO STA 100+00	SMAC142.DGN
C-143	CANAL CROSS SECTIONS STA 102+00 TO STA 112+00	SMAC143.DGN
C-144	CANAL CROSS SECTIONS STA 114+00 TO STA 124+00	SMAC144.DGN
C-145	CANAL CROSS SECTIONS STA 126+00 TO STA 136+00	SMAC145.DGN
C-146	CANAL CROSS SECTIONS STA 138+00 TO STA 148+00	SMAC146.DGN
C-147	CANAL CROSS SECTIONS STA 150+00 TO STA 160+00	SMAC147.DGN
C-148	CANAL CROSS SECTIONS STA 162+00 TO STA 172+00	SMAC148.DGN
C-149	CANAL CROSS SECTIONS STA 174+00 TO STA 184+00	SMAC149.DGN
C-150	CANAL CROSS SECTIONS STA 186+00 TO STA 196+00	SMAC150.DGN
C-151	CANAL CROSS SECTION STA 198+00 TO 198+46	SMAC151.DGN
C-152	FLOOD CONTROL LEVEE CROSS SECTIONS STA 11+00 TO STA 32+00	SMAC152.DGN
C-153	FLOOD CONTROL LEVEE CROSS SECTIONS STA 34+00 TO STA 56+00	SMAC153.DGN
C-154	FLOOD CONTROL LEVEE CROSS SECTIONS STA 58+00 TO STA 80+00	SMAC154.DGN
C-155	FLOOD CONTROL LEVEE CROSS SECTIONS STA 82+00 TO STA 104+00	SMAC155.DGN
C-156	FLOOD CONTROL LEVEE CROSS SECTIONS STA 106+00 TO STA 128+00	SMAC156.DGN
C-157	FLOOD CONTROL LEVEE CROSS SECTIONS STA 130+00 TO STA 152+00	SMAC157.DGN
C-158	FLOOD CONTROL LEVEE CROSS SECTIONS STA 154+00 TO STA 176+00	SMAC158.DGN
C-159	FLOOD CONTROL LEVEE CROSS SECTIONS STA 178+00 TO STA 200+00	SMAC159.DGN
C-160	FLOOD CONTROL LEVEE CROSS SECTIONS STA 202+00 TO STA 224+00	SMAC160.DGN
C-161	FLOOD CONTROL LEVEE CROSS SECTIONS STA 226+00 TO STA 248+00	SMAC161.DGN
C-162	FLOOD CONTROL LEVEE CROSS SECTIONS STA 250+00 TO STA 272+00	SMAC162.DGN
C-163	FLOOD CONTROL LEVEE CROSS SECTIONS STA 274+00 TO STA 296+00	SMAC163.DGN
C-164	FLOOD CONTROL LEVEE CROSS SECTIONS STA 298+00 TO STA 320+00	SMAC164.DGN
C-165	FLOOD CONTROL LEVEE CROSS SECTIONS STA 322+00 TO STA 344+00	SMAC165.DGN
C-166	FLOOD CONTROL LEVEE CROSS SECTIONS STA 346+00 TO STA 359+80	SMAC166.DGN
A	**STRUCTURAL**	
S-101	CULVERT PLAN AND SECTION	SMAS101.DGN
S-102	CULVERT TRAVERSE SECTION	SMAS102.DGN



VICINITY MAP



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	D-4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dates:
Scale: AS SHOWN
Plot date:
Plot scale: 1:1

Designed by: MWS/MRD
Dwn by: ECO
Ckd by: TFP

Dated: SEP 2001
D.O.FILE NO. 402-38,238

File name: SMAG001.DGN
Reference files: SMAG002.DGN SMAGN21.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
GENERAL
INDEX, LOCATION & VACINITY MAP

DRAWING NO.
G-001

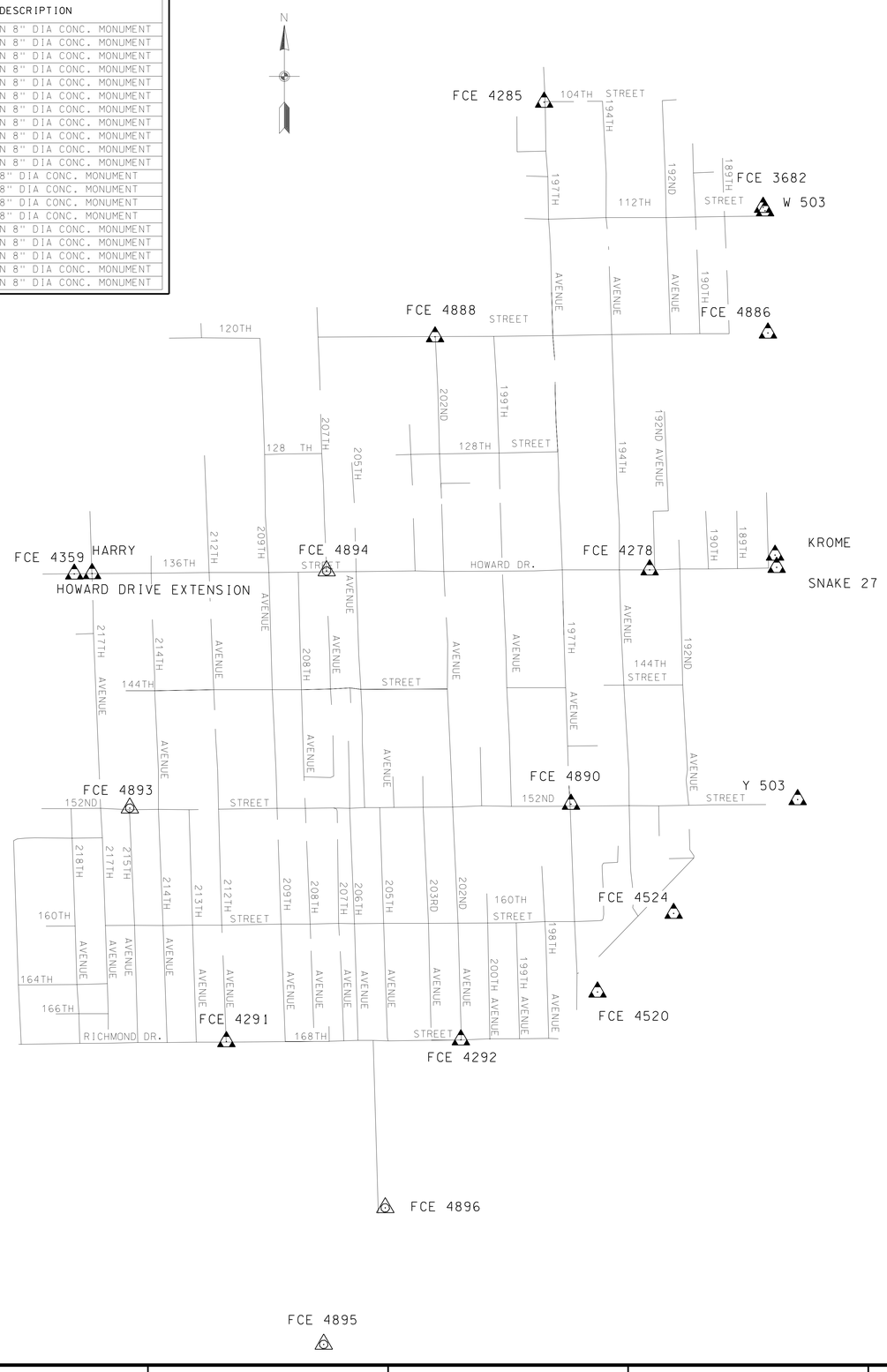
1

$FILE$ $DATE$ $TIME$

.../dms01064/SMAG001.DGN 05/24/2004 06:29:08 PM

GPS CONTROL TABULATION

MONUMENT IDENTIFICATION	NAD 83/90 EASTING	NAD 83/90 NORTHING	NGVD 29 ELEV.	MONUMENT DESCRIPTION
FCE 3682	821450.45	482470.80	15.33	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4278	818900.60	474313.63	7.72	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4285	816526.28	484835.56	6.95	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4291	809380.54	463700.54	8.36	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4292	814656.17	463740.46	8.38	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4359	805961.51	474220.54	6.84	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4520	817725.76	464817.10	11.57	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4524	819439.43	466586.35	8.10	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4886	821557.84	479642.26	15.15	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4888	814075.16	479539.32	6.19	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4890	817129.33	469042.38	8.68	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4893	807209.29	468953.90	7.12	SET BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4894	811635.30	474288.88	7.79	SET BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4895	811569.93	456889.63	11.00	SET BRONZE DISK IN 8" DIA CONC. MONUMENT
FCE 4896	812953.67	459961.73	11.21	SET BRONZE DISK IN 8" DIA CONC. MONUMENT
HARRY	806360.19	474229.12	7.10	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
KROME	821718.90	474644.38	14.90	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
SNAKE 27	821756.94	474370.67	14.18	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
W 503	821502.69	482392.49	8.11	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT
Y 503	821873.24	469239.22	14.27	FOUND BRONZE DISK IN 8" DIA CONC. MONUMENT



SURVEY NOTES:

1. COORDINATES ARE BASED ON STATE PLANE COORDINATES FOR FLORIDA EAST ZONE, NORTH AMERICAN DATUM (NAD) 1983/90
2. MEASUREMENTS AND DIMENSIONS SHOWN HEREON ARE IN FEET AND TENTHS AND HUNDREDTHS OF A FOOT, AND ARE BASED ON THE STANDARD U.S. SURVEY FOOT.
3. ALL ELEVATIONS ARE ABOVE THE REFERENCE PLANE UNLESS PROCEEDED BY A (-) SIGN
4. ELEVATIONS ARE BASED UPON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29)
5. SURVEY DATA TAKEN FROM #01-154, DATED SEPTEMBER 3, 2001 THROUGH SEPTEMBER 15, 2001.
6. (A) THE MAP SHOWN IS FOR INFORMATION ONLY. THE ROADS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

SURVEY LEGEND:

- FOUND 8" DIAMETER CONCRETE MONUMENT
- SET 8" DIAMETER CONCRETE MONUMENT

GRAPHIC SCALE
1200' 0 1200'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved	Approved
0001	A	G-5	REVISED TO ACCOMPANY AMENDMENT NO. 0001		

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: 12001
Plot scale: 12001

Designed by: MWS
Dwn by: K&P
Ckd by: TFP
Dated: SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAG002.DGN
Reference files: SMAGEBR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE
GENERAL
SURVEY CONTROL DATA

DRAWING NO.
G-002

$FILE$
$DATE$ $TIME$

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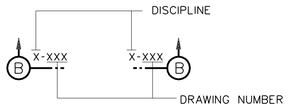
ABBREVIATIONS

APPROX.	APPROXIMATELY
BLDG	BUILDING
BOP	BOTTOM OF PIPE
BOT	BOTTOM
CL OR ℄	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
CONN	CONNECTION (CONNECT)
CONT	CONTINUATION OR CONTROL
DBA	DEFORMED BAR ANCHOR
DEG OR °	DEGREE
DIA OR ~	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG.	DRAWING
EA	EACH OR EXHAUST AIR
ECC	ECCENTRIC
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATION
ELEC	ELECTRIC
ENGR	ENGINEER
EQUIP	EQUIPMENT
EST	ESTIMATE
EXIST	EXISTING
FD	FLOOR DRAIN
FF	FINISHED FLOOR OR FINAL FILTER
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FS	FAR SIDE
FT3	CUBIC FEET
GA	GAUGE
GALV	GALVANIZED
HORZ.	HORIZONTAL
HGT	HEIGHT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INCL	INCLUDING (INCLUDE)
INV	INVERT
L	LENGTH
LB	POUND
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MO	MIDDLE ORDINATE
MATL	MATERIAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NWT	NORMAL WEIGHT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFSET
OPG	OPENING
PI	POINT OF INTERSECTION
PL OR ℙ	PLATE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
QTY	QUANTITY
REQD	REQUIRED
REV	REVISE (REVISION) OR REVOLUTIONS
R.O.W.	RIGHT-OF-WAY
SCH	SCHEDULE
SFWMD	SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STEEL
STA	STATION
STD	STANDARD
TEMP	TEMPERATURE OR TEMPORARY
THRU	THROUGH
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TYP	TYPICAL
VERT.	VERTICAL
WT	WEIGHT
W/	WITH
W/O	WITHOUT
&	AND
@	AT

LEGEND



SECTION MARKERS

- POWER POLE
- POWER POLE W/ GUY
- FENCE
- R/W — RIGHT-OF-WAY
- SOIL BORING OR TEST PIT
- CUT SLOPE INDICATOR
- FILL SLOPE INDICATOR
- TREES — EDGE OF VEGETATION

GENERAL NOTES:

1. CONTRACTOR WILL HAVE SITE ACCESS FROM ALL PUBLIC ROADS ADJACENT TO THE SITE.
2. (A) CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE FROM ALL POWER LINES AS LISTED ON PAGE 177, TABLE 11-3 OF EM 385-1-1. THE REPLACEMENT POLES ARE 60 FT HIGH WITH LINES PLACED AT THE 57 FT MARK. THERE IS A 45FT CLEARANCE FROM THE LINE TO THE TOP SLOPE OF THE LEVEES.
3. CONTRACTOR SHALL REMOVE ALL UTILITY POLES (25 FT ABOVE GROUND) INSIDE THE R.O.W. LIMITS INDICATED ON THE DRAWINGS, AND BACKFILL IF NECESSARY, UNLESS NOTED OTHERWISE.
4. ALL UTILITIES (EXCEPT POLES) WILL BE RELOCATED OR REMOVED BY OTHERS PRIOR TO CONSTRUCTION.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	F-6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: NONE
Plot date:
Plot scale: 1:1

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated: SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAG003.DGN
Reference files: SMAGBDR.DGN

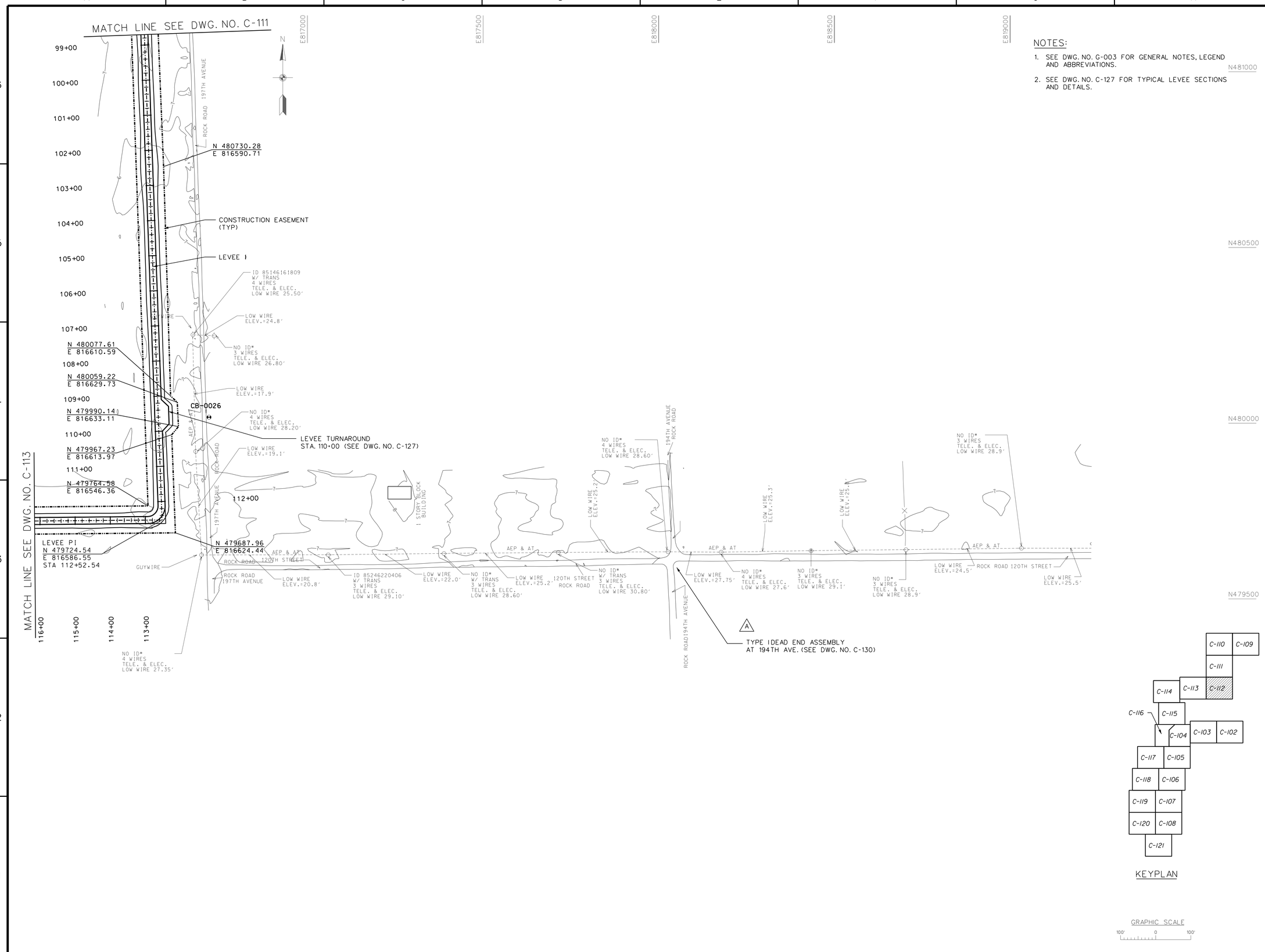
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE

GENERAL

GENERAL NOTES, LEGEND AND ABBREVIATIONS

DRAWING NO.
G-003



NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE DWG. NO. C-127 FOR TYPICAL LEVEE SECTIONS AND DETAILS.

KEYPLAN

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	△	E-3	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated: SEP 2001

D.O.FILE NO. 402-38.238

File name: SMAC112.DGN

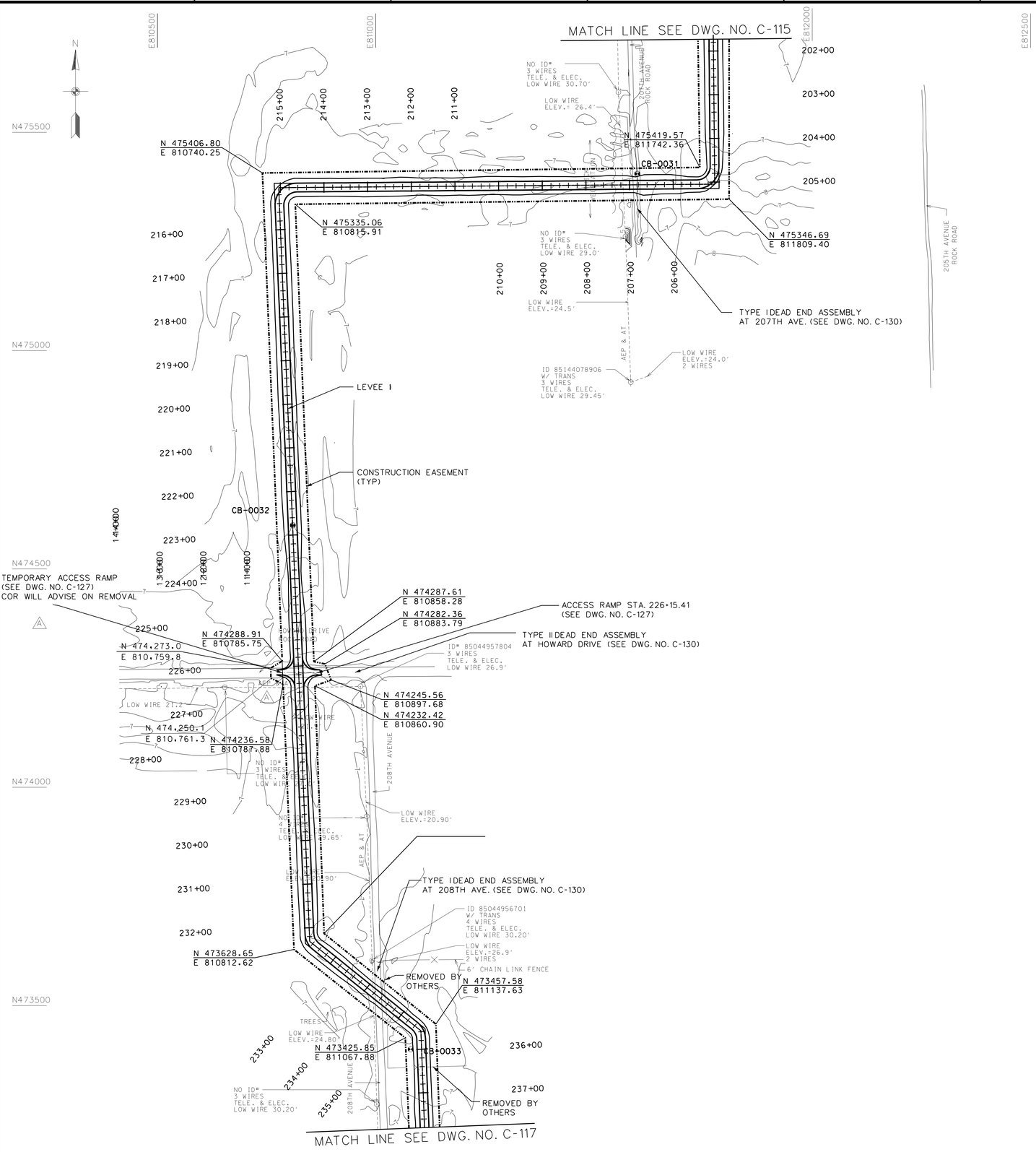
Reference files:
SMACBP21.DGN
SMACGR21.DGN
SMACKP21.DGN
SMACPP21.DGN
SMACSP21.DGN
SMACTP21.DGN
SMABGR.DGN
SMABNDZ.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE

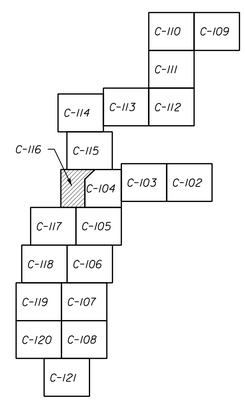
CIVIL
SITE PLAN 11
FLOOD CONTROL LEVEE

DRAWING NO.
C-112



NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE DWG. NO. 127 FOR TYPICAL LEVEE SECTIONS, AND DETAILS.



KEYPLAN

GRAPHIC SCALE

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	A-3	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated: AS SHOWN
Scale:
Plot date:
Plot scale:
Designed by: MWS
Dwn by: ECO
Ckd by: TFP
Dated: SEP 2001
D.O.FILE NO. 402-38,238
File name: SMAC116.DGN
Reference files: SMACBPZ1.DGN SMACGPZ1.DGN SMACKPZ1.DGN SMACPPZ1.DGN SMACSPZ1.DGN SMACTPZ1.DGN SMAGBDR.DGN SMABKGD.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
CIVIL
SITE PLAN 15
FLOOD CONTROL LEVEE

DRAWING NO.
C-116

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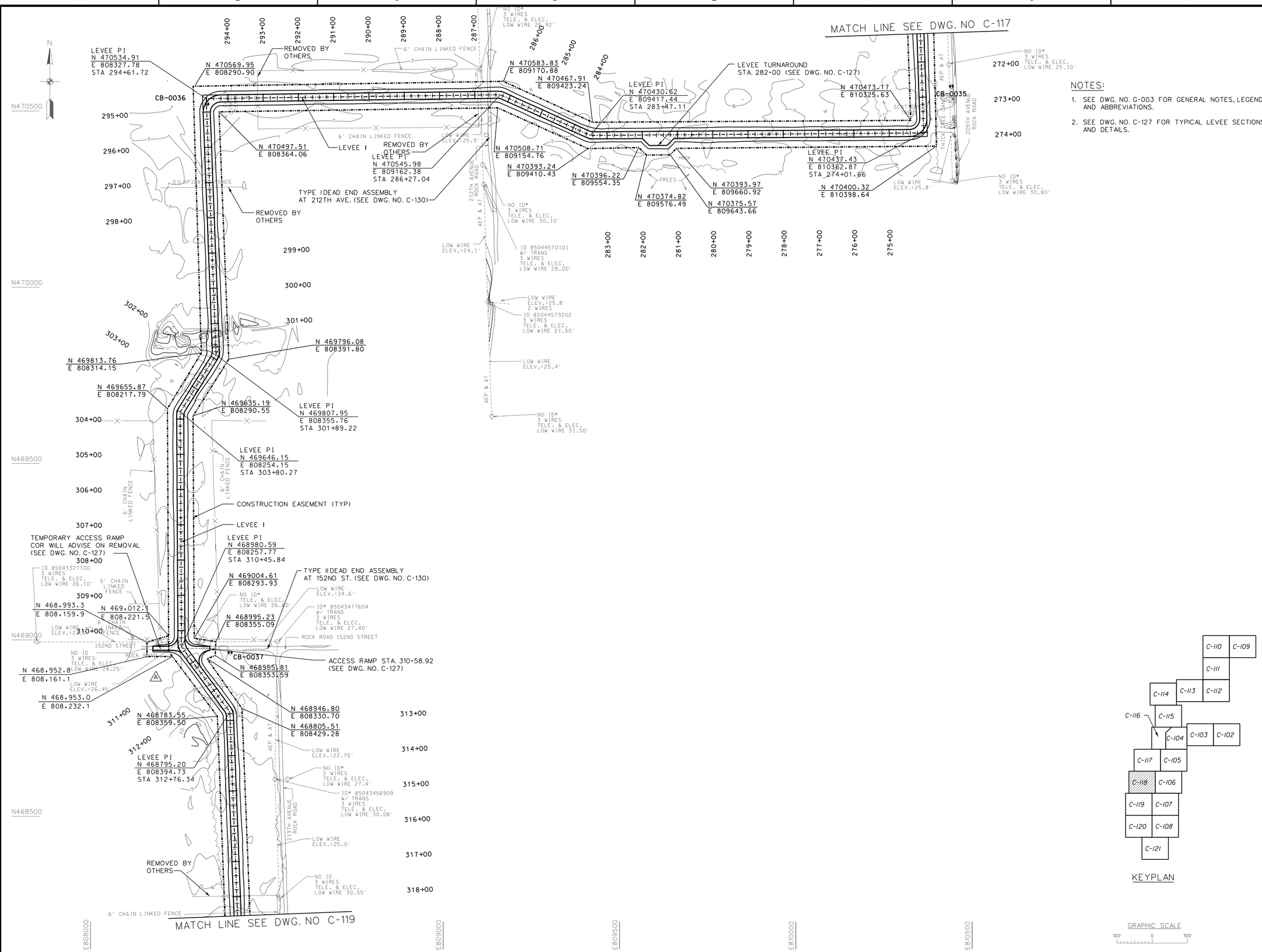


NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE DWG. NO. C-127 FOR TYPICAL LEVEE SECTIONS AND DETAILS.

KEYPLAN

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	3	A-3	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Date: SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAC118.DGN

Reference files:
SMACBP2.DGN
SMACXP2.DGN
SMACKP2.DGN
SMACPP2.DGN
SMACWP2.DGN
SMACTP2.DGN
SMACBOR.DGN
SMABORD2.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE

CIVIL
SITE PLAN 17
FLOOD CONTROL LEVEE

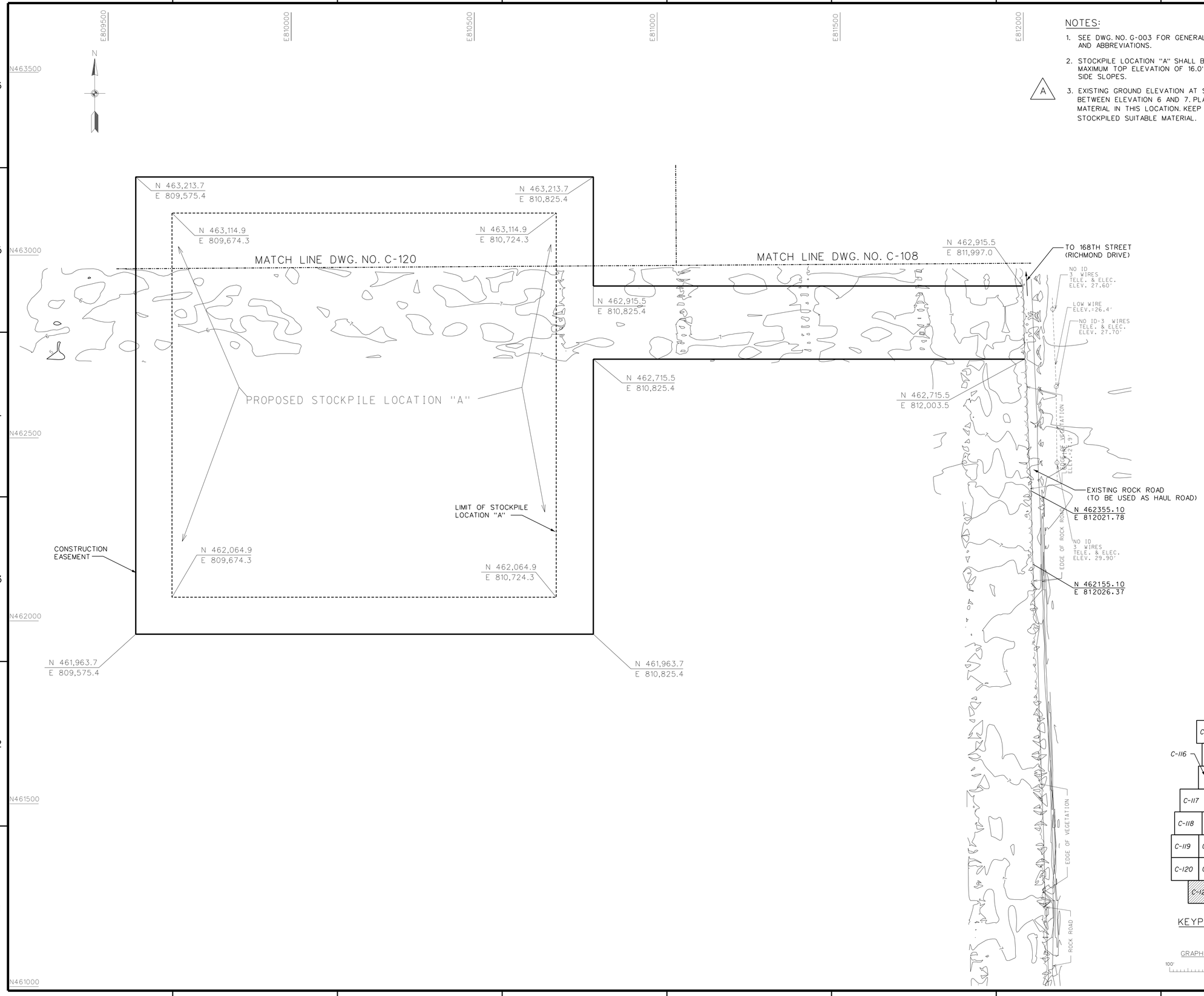
DRAWING NO.
C-118

SMAC118.DGN 05/24/2004 04:20:23 PM

$DATE$ $FILE$ $TIME$

NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. STOCKPILE LOCATION "A" SHALL BE MAINTAINED WITH MAXIMUM TOP ELEVATION OF 16.0' AND MAXIMUM 3H:1V SIDE SLOPES.
3. EXISTING GROUND ELEVATION AT STOCK PILES IS BETWEEN ELEVATION 6 AND 7. PLACE ALL UNSUITABLE MATERIAL IN THIS LOCATION. KEEP SEPARATE FROM TEMPORARY STOCKPILED SUITABLE MATERIAL.



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	△	G-6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: MWS
Dwn by: ECO
Ckd by: TFP
Dated: SEP 2001
D.O.FILE NO. 402-38,238

File name: SMAC121.DGN
Reference files: SMACBPZ1.DGN SMACKPZ1.DGN SMACSPZ1.DGN SMACTPZ1.DGN SMAGBDR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
CIVIL
SITE PLAN 20
STOCKPILE LOCATION "A"

DRAWING NO.
C-121

$FILE$
$DATE$ $TIME$

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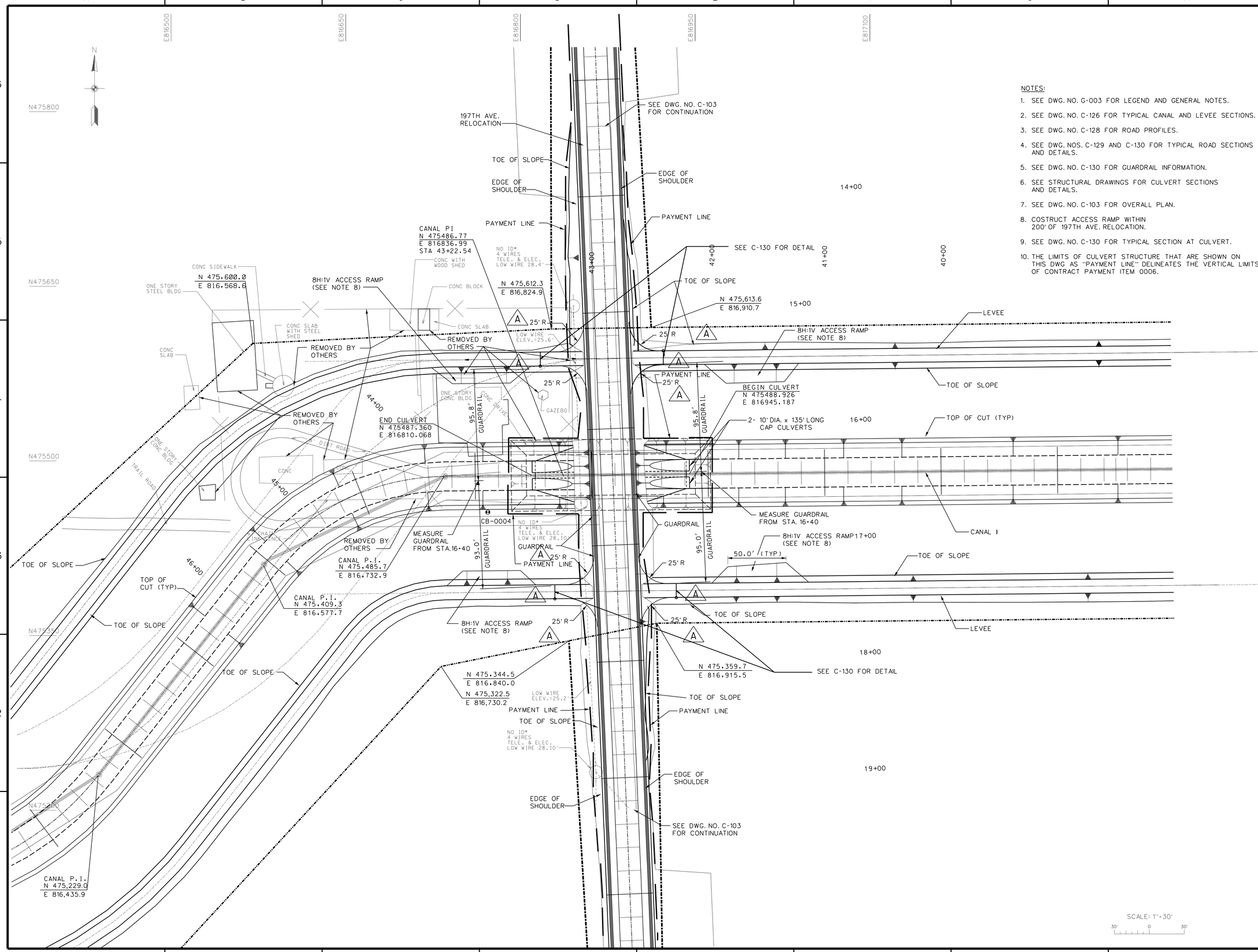


NOTES:

1. SEE DWG. NO. G-003 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL AND LEVEE SECTIONS.
3. SEE DWG. NO. C-128 FOR ROAD PROFILES.
4. SEE DWG. NOS. C-129 AND C-130 FOR TYPICAL ROAD SECTIONS AND DETAILS.
5. SEE DWG. NO. C-130 FOR GUARDRAIL INFORMATION.
6. SEE STRUCTURAL DRAWINGS FOR CULVERT SECTIONS AND DETAILS.
7. SEE DWG. NO. C-103 FOR OVERALL PLAN.
8. COSTRUCT ACCESS RAMP WITHIN 200' OF 197TH AVE. RELOCATION.
9. SEE DWG. NO. C-130 FOR TYPICAL SECTION AT CULVERT.
10. THE LIMITS OF CULVERT STRUCTURE THAT ARE SHOWN ON THIS DWG AS "PAYMENT LINE" DELINEATES THE VERTICAL LIMITS OF CONTRACT PAYMENT ITEM 0006.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	△	C-D	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: MWS
Dwn by: ECO
Ckd by: TFP
Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:
Dated: SEP 2001
D.O.FILE NO. 402-38.238

File name: SMAC122.DGN
Reference files: SMAGBDR.DGN V8ROADFILE.DGN SMACTPZ1.DGN SMACBPZ1.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
CIVIL
197TH AVENUE STRUCTURE CULVERT
SITE PLAN

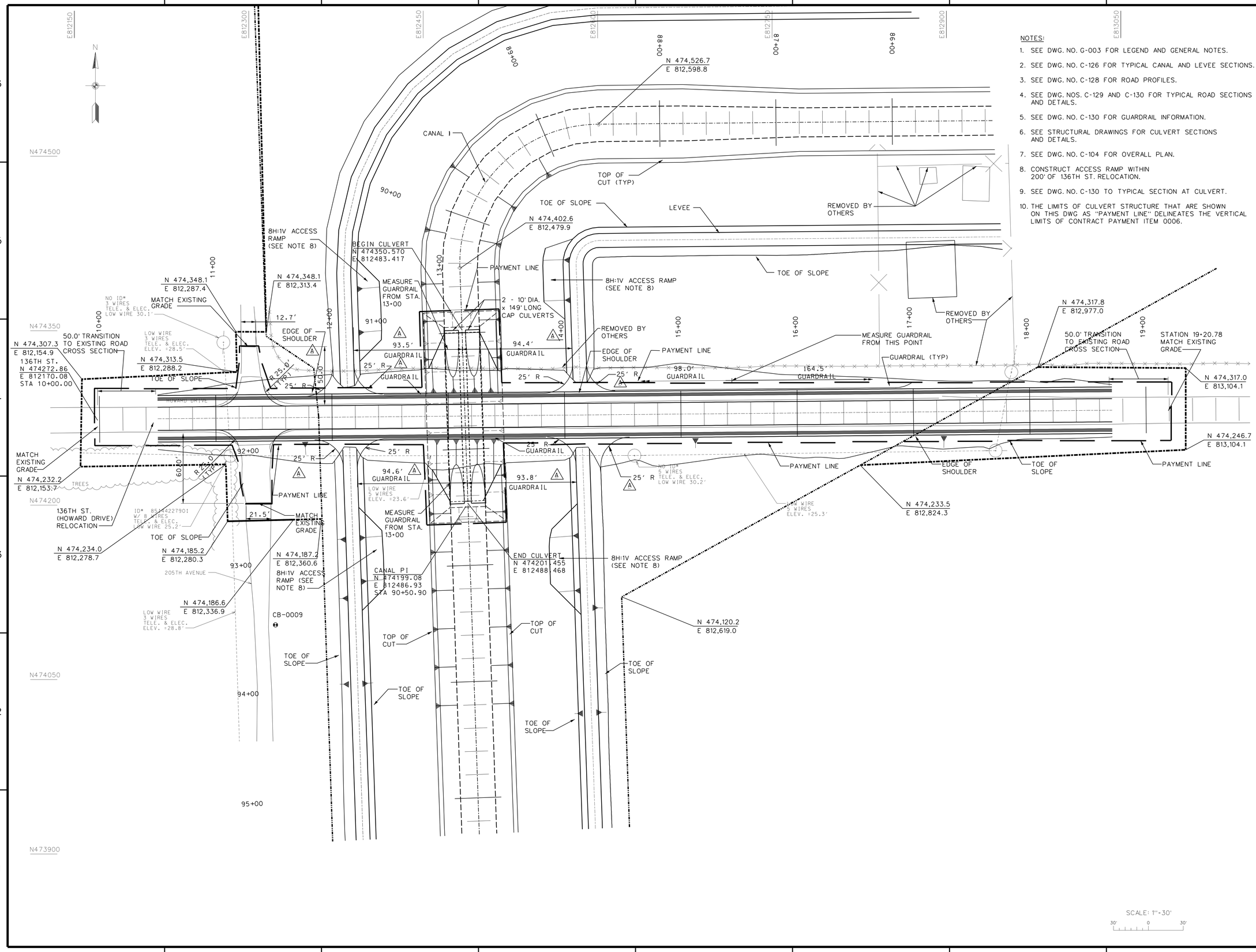
DRAWING NO.
C-122

$DATE$ $FILE$ $TIME$

.../dms01064/SMAC122.DGN 05/28/2004 01:56:38 PM

NOTES:

1. SEE DWG. NO. G-003 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL AND LEVEE SECTIONS.
3. SEE DWG. NO. C-128 FOR ROAD PROFILES.
4. SEE DWG. NOS. C-129 AND C-130 FOR TYPICAL ROAD SECTIONS AND DETAILS.
5. SEE DWG. NO. C-130 FOR GUARDRAIL INFORMATION.
6. SEE STRUCTURAL DRAWINGS FOR CULVERT SECTIONS AND DETAILS.
7. SEE DWG. NO. C-104 FOR OVERALL PLAN.
8. CONSTRUCT ACCESS RAMP WITHIN 200' OF 136TH ST. RELOCATION.
9. SEE DWG. NO. C-130 TO TYPICAL SECTION AT CULVERT.
10. THE LIMITS OF CULVERT STRUCTURE THAT ARE SHOWN ON THIS DWG AS "PAYMENT LINE" DELINEATES THE VERTICAL LIMITS OF CONTRACT PAYMENT ITEM 0006.



SCALE: 1"=30'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Description	Approved
9	CAD	REVISED TO CONFORM TO AMENDMENT #0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: MWS
Dwn by: ECO
Ckd by: TEP
Inv. No. W912EP-04-R-0006
Dates:
Scale: AS SHOWN
Plot date:
Plot scale: 30:1
File name: SMAC123.DGN
Reference files: SMACBDR.DGN SMACOMP01.DGN SMACOMP02.DGN VBROADFILE.DGN SMAC-TPZ1.DGN SMACBPZ1.DGN
Dated: SEP 2001
D.O.FILE NO. 402-38.238

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE

CIVIL
136TH STREET STRUCTURE CULVERT SITE PLAN

DRAWING NO.
C-123

$FILE$
$DATE$ $TIME$

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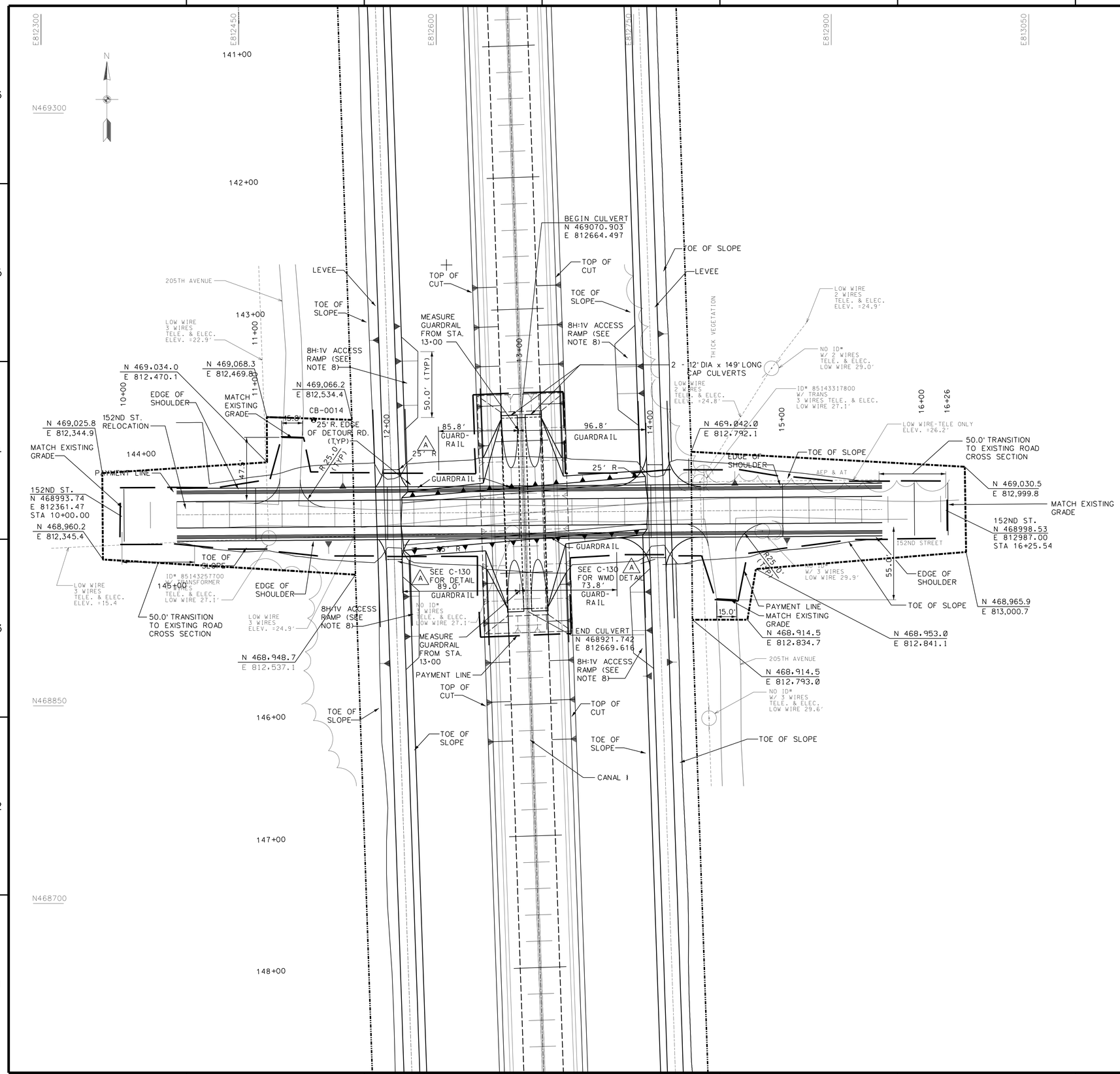

NOTES:

1. SEE DWG. NO. G-003 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL AND LEVEE SECTIONS.
3. SEE DWG. NO. C-128 FOR ROAD PROFILES.
4. SEE DWG. NOS. C-129 AND C-130 FOR TYPICAL ROAD SECTIONS AND DETAILS.
5. SEE DWG. NO. C-130 FOR GUARDRAIL INFORMATION.
6. SEE STRUCTURAL DRAWINGS FOR CULVERT SECTIONS AND DETAILS.
7. SEE DWG. NO. C-106 FOR OVERALL PLAN.
8. CONSTRUCT ACCESS RAMP WITHIN 200' OF 152ND ST. RELOCATION.
9. SEE DWG. NO. C-130 FOR TYPICAL SECTION AT CULVERT.
10. THE LIMITS OF CULVERT STRUCTURE THAT ARE SHOWN ON THIS DWG AS "PAYMENT LINE" DELINEATES THE VERTICAL LIMITS OF CONTRACT PAYMENT ITEM 0006.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	C-3,4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
	A	D-3,4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 301

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated: SEP 2001

D.O.FILE NO. 402-38.238

File name: SMAC124.DGN
Reference files:
smacon-da.dgn
PBG0-DSF.DGN
SMACTPZ1.DGN
SMAGBDR.DGN
SMAGBPZ1.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
CIVIL
152ND STREET STRUCTURE CULVERT
SITE PLAN

DRAWING NO.
C-124

$DATE$ $FILE$ $TIME$

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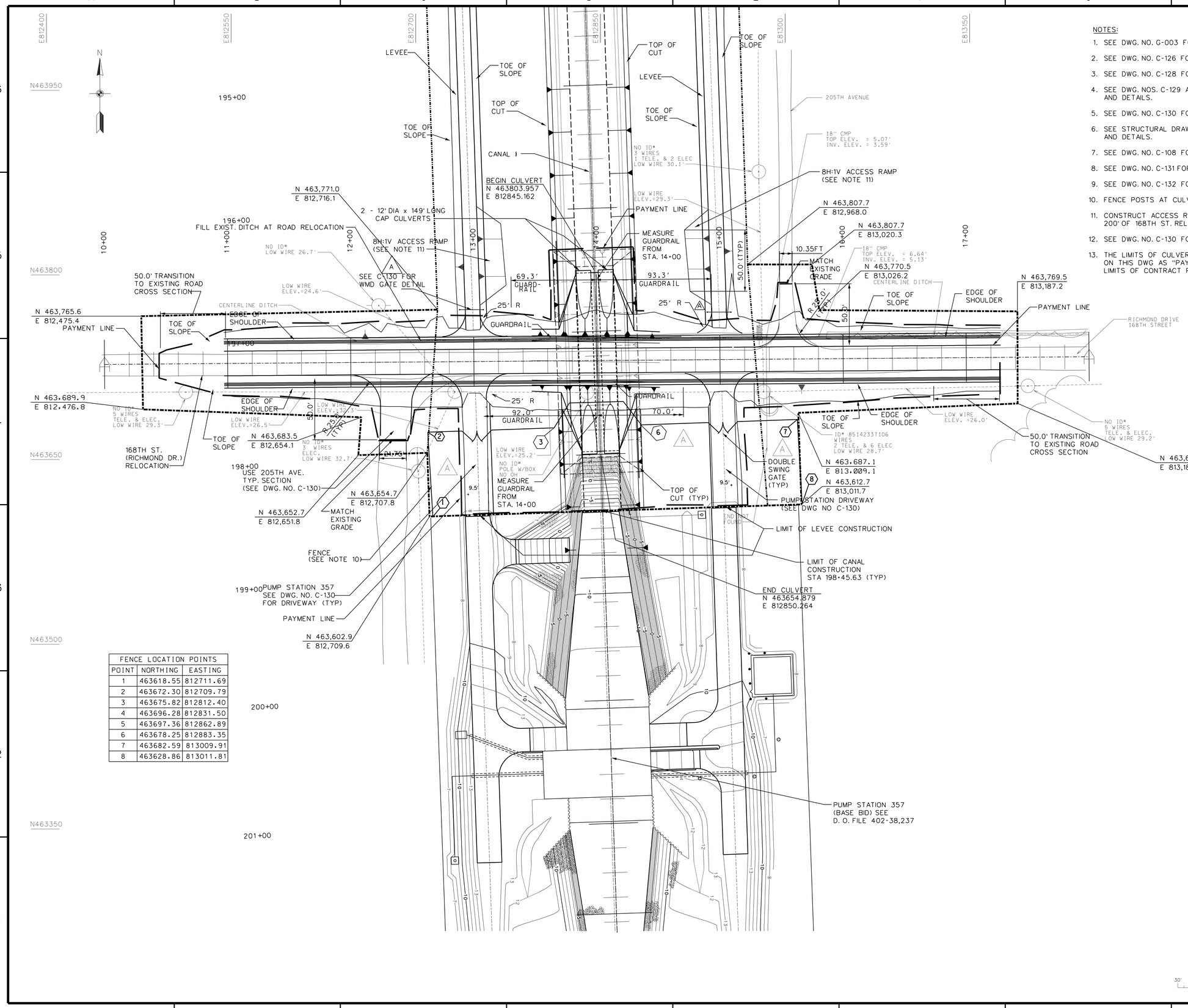


FENCE LOCATION POINTS		
POINT	NORTHING	EASTING
1	463618.55	812711.69
2	463672.30	812709.79
3	463675.82	812812.40
4	463696.28	812831.50
5	463697.36	812862.89
6	463678.25	812883.35
7	463682.59	813009.91
8	463628.86	813011.81

NOTES:

1. SEE DWG. NO. G-003 FOR LEGEND AND GENERAL NOTES.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL AND LEVEE SECTIONS.
3. SEE DWG. NO. C-128 FOR ROAD PROFILES.
4. SEE DWG. NOS. C-129 AND C-130 FOR TYPICAL ROAD SECTIONS AND DETAILS.
5. SEE DWG. NO. C-130 FOR GUARDRAIL INFORMATION.
6. SEE STRUCTURAL DRAWINGS FOR CULVERT SECTIONS AND DETAILS.
7. SEE DWG. NO. C-108 FOR OVERALL PLAN.
8. SEE DWG. NO. C-131 FOR FENCE DETAILS.
9. SEE DWG. NO. C-132 FOR GATE DETAILS.
10. FENCE POSTS AT CULVERT, SEE DETAIL ON DWG. NO. C-131.
11. CONSTRUCT ACCESS RAMP WITHIN 200' OF 168TH ST. RELOCATION.
12. SEE DWG. NO. C-130 FOR TYPICAL SECTION AT CULVERT.
13. THE LIMITS OF CULVERT STRUCTURE THAT ARE SHOWN ON THIS DWG AS "PAYMENT LINE" DELINEATES THE VERTICAL LIMITS OF CONTRACT PAYMENT ITEM 0006.

SCALE: 1"=30'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001		C.E-5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
	△	C.D.E-4	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 30:1

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated: SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAC125.DGN

Reference files:
SMACBDR.DGN
SMACSP2.DGN
V8ROADFILE.DGN
SMACGP2.DGN
SMACPP2.DGN
smacen-dts_01.dgn
SMACBP2.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE

CIVIL

168TH STREET STRUCTURE CULVERT
SITE PLAN

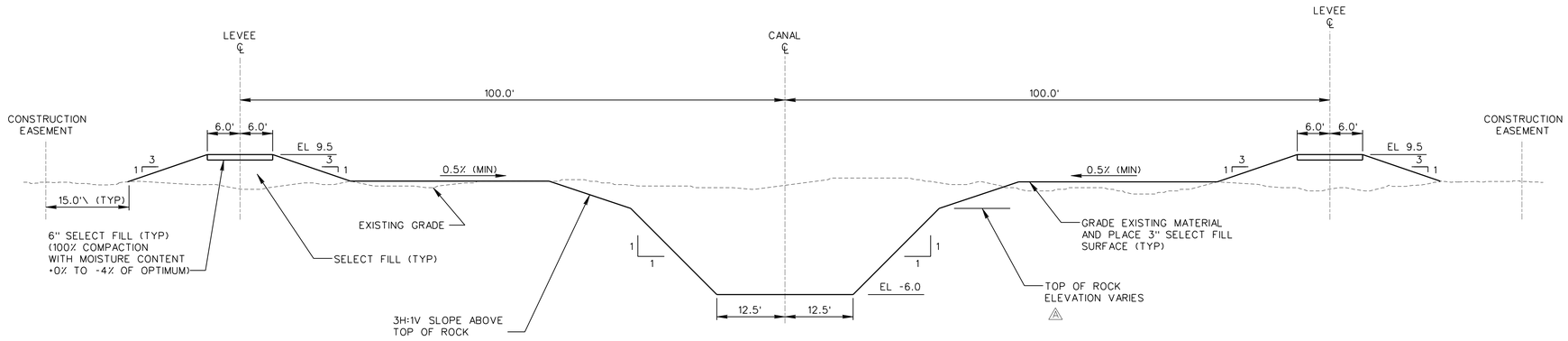
DRAWING NO.
C-125

$DATE$ $TIME$ $FILE$

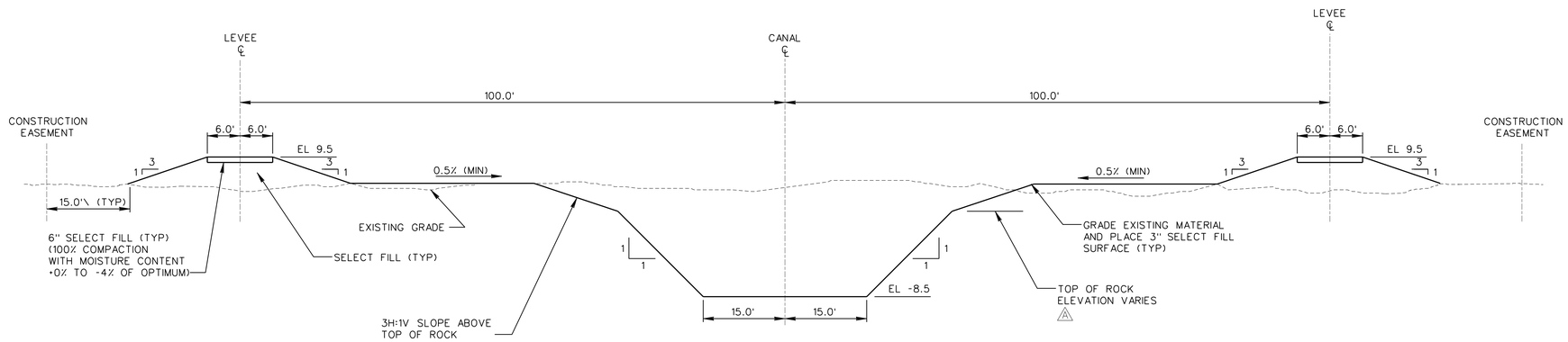
.../dms01064/SMAC125.DGN 05/28/2004 12:51:43 PM

NOTES:

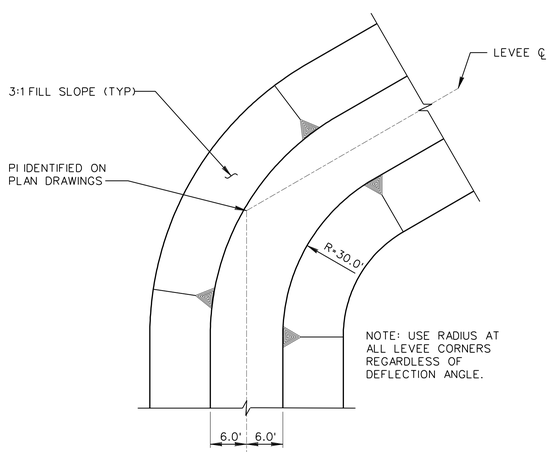
1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. CANAL SHALL TRANSITION UNIFORMLY FROM STATION 86+80 TO STATION 87+80.
3. (A) SEE DWG. NOS. C-136 THROUGH C-166 FOR CANAL AND LEVEE CROSS SECTIONS.
4. SLOPE TOP OF LEVEES 2% TOWARDS CANAL.
5. DO NOT SEED BELOW THE CANAL 3H:1V SLOPES.



TYPICAL CANAL AND LEVEE SECTION
START (STA. 19+50) TO STA 86+80



TYPICAL CANAL AND LEVEE SECTION
STA. 87+80 TO END (STA. 198+45.63)



TYPICAL LEVEE
CORNER RADIUS

GRAPHIC SCALE
10' 0 10'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	G-6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
0001	A	E-3,5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 10:1

Designed by: MWS
Dwn by: MAP
Ckd by: TFP

Dated SEP 2001
D.O.FILE NO. 402-38.238

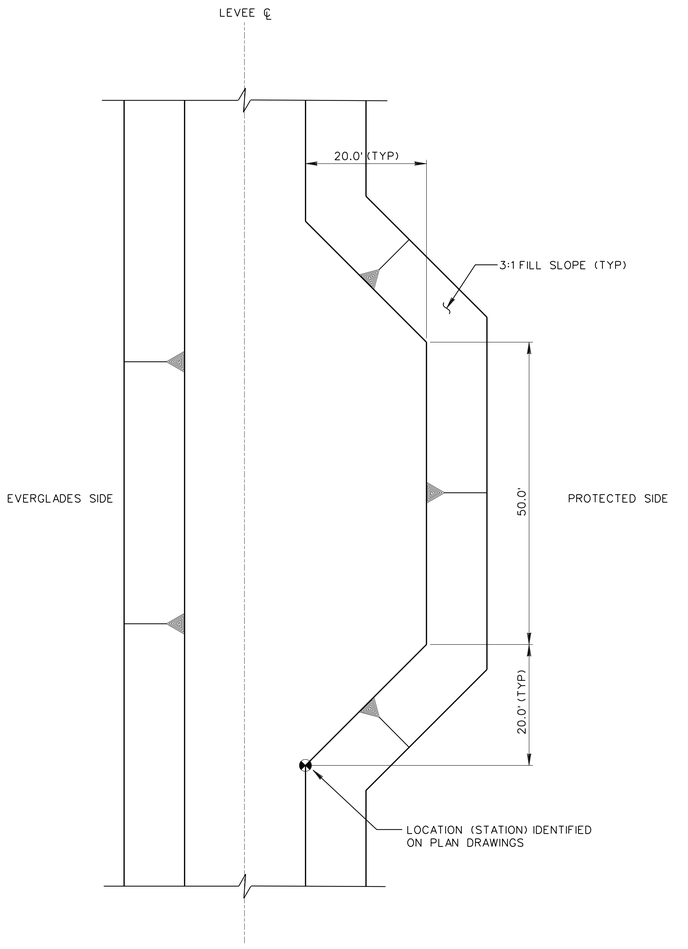
File name: SMAC126.DGN
Reference files: SMAGBDR.DGN

MODIFIED WATER DELIVERIES TO
EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
CIVIL
TYPICAL CANAL SECTIONS & DETAILS

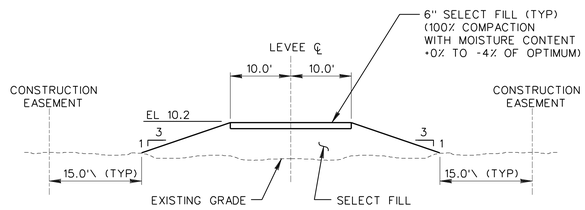
DRAWING NO.
C-126

$DATE$ $FILE$ $TIME$

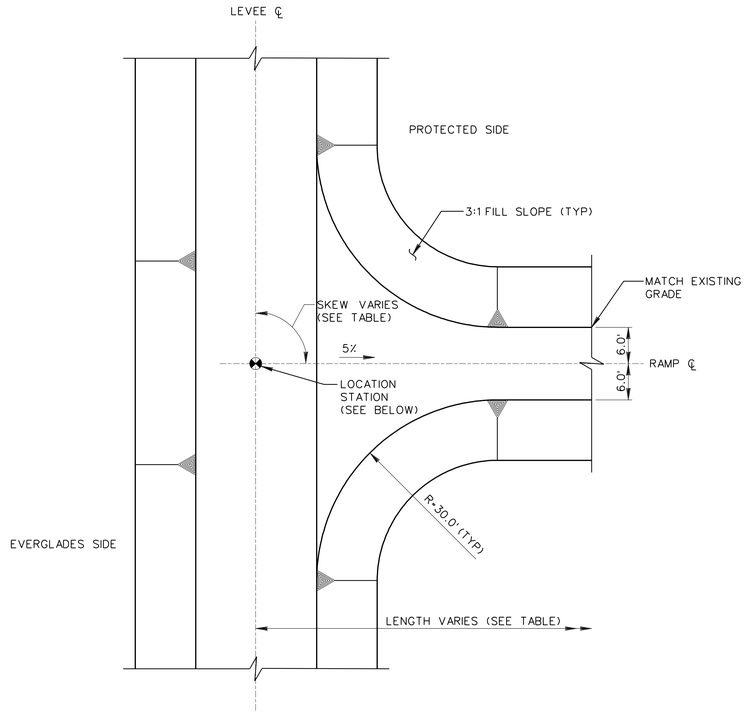
.../dms01064/SMAC126.DGN 05/27/2004 02:49:26 PM



TYPICAL LEVEE TURNAROUND

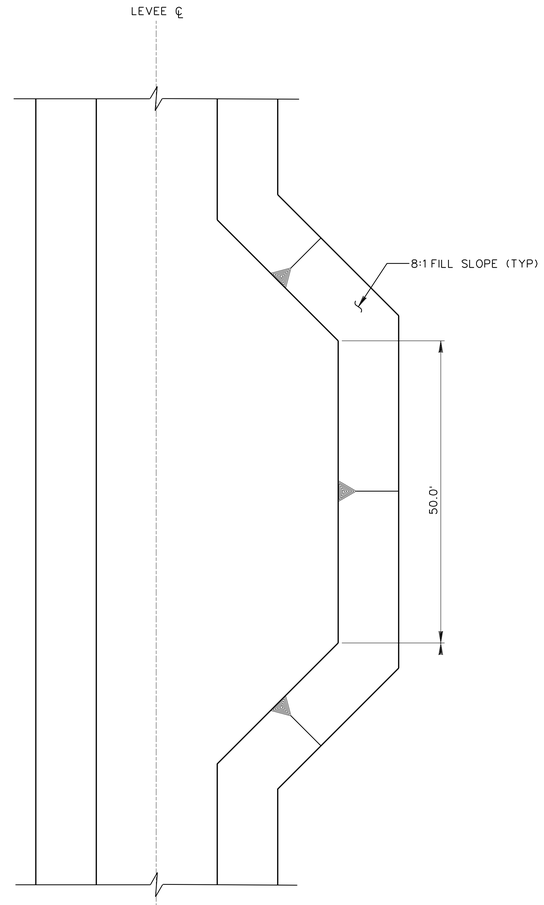


TYPICAL LEVEE SECTION

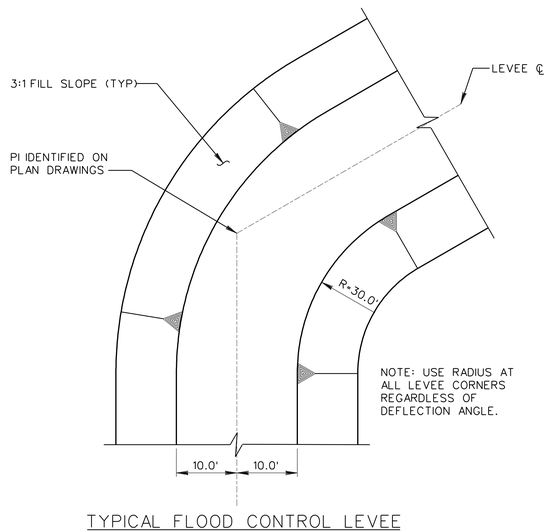


LOCATION (STATION)	LENGTH (AT CENTERLINE)	SKEW
85+15.70	86.12'	87.5°
226+15.41	50.53'	91.8°
310+58.92	64.80'	126.4°

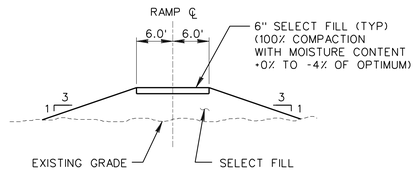
TYPICAL ACCESS RAMP DETAIL



A TYPICAL ROAD ACCESS RAMP DETAIL



TYPICAL FLOOD CONTROL LEVEE CORNER RADIUS



TYPICAL ACCESS RAMP SECTION

NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. △2 ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT THE TOP OF THE LEVEES AND THE ACCESS RAMP TRAVEL SURFACES.
3. SLOPE TOP OF LEVEES 2% TOWARDS EVERGLADES SIDE.

GRAPHIC SCALE
10' 0 10'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	△2	G-3,6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: MWS
Dwn by: MAB
Ckd by: TFP

Dated SEP 2001
D.O.FILE NO. 402-38,238

File name: SMAC127.DGN
Reference files: SMACBDR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE
CIVIL
TYPICAL FLOOD CONTROL LEVEE SECTIONS & DETAILS

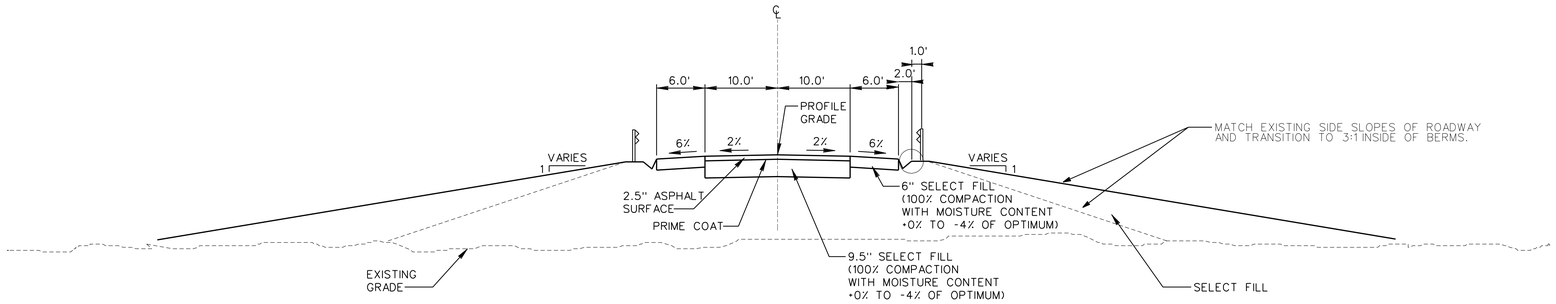
DRAWING NO.
C-127

$DATE$ $FILE$ $TIME$

.../dms01064/SMAC127.DGN 05/27/2004 01:55:28 PM

NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SHOULDER USED IN FILL SECTION ONLY.

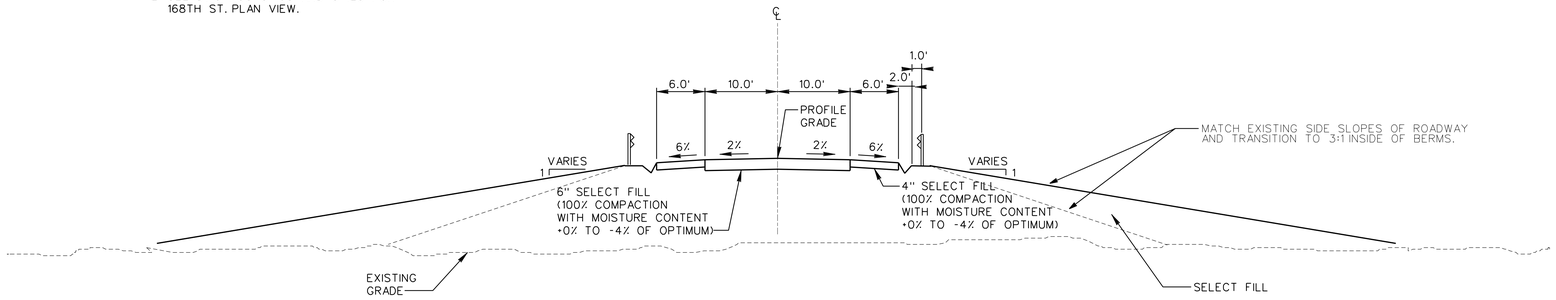


136TH ST AND 168TH ST TYPICAL SECTION

NOTES: 1. SEE DWG. NOS. C-104 AND C-123 FOR 136TH ST. PLAN VIEW.

2. SEE DWG. NOS. C-108 AND C-125 FOR 168TH ST. PLAN VIEW.

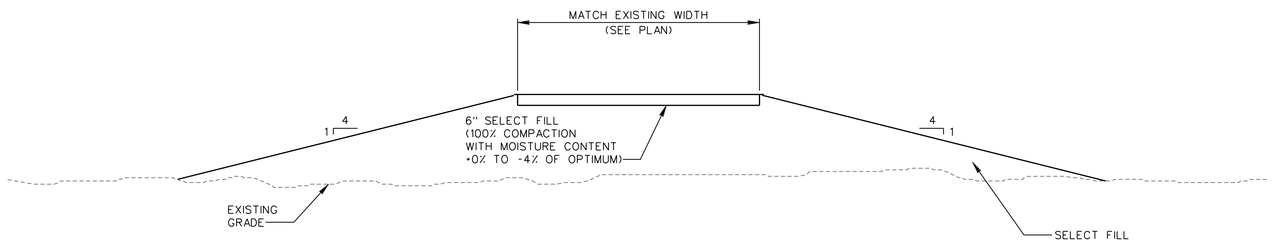
A



197TH AVE AND 152ND ST TYPICAL SECTION

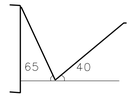
NOTES: 1. SEE DWG. NOS. C-103 AND C-122 FOR 197TH AVE. PLAN VIEW.

2. SEE DWG. NOS. C-106 AND C-124 FOR 152ND ST. PLAN VIEW.



205TH AVE TYPICAL SECTION

NOTE: 1. SEE DWG. NOS. C-104, C-106, C-108, C-123, C-124 AND C-125 FOR 205TH AVE. PLAN VIEWS.



1 FT DEPTH FOR TOE DITCH

CULVERTS WILL NOT BE REQUIRED. THE DITCHES/SWALES SHOULD TERMINATE JUST AT THE EXTERIOR SIDES OF THE LEVEES AND SHOULD NOT IMPACT ANY ROADS. THE SWALES ARE ABOUT 1' IN DEPTH.

GRAPHIC SCALE

10' 0 10'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	G-5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 1:1

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAC129.DGN
Reference files: SMACBDR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE
CIVIL
TYPICAL ROAD SECTIONS & DETAILS 1

DRAWING NO.
C-129

$DATE$ $FILE$ $TIME$

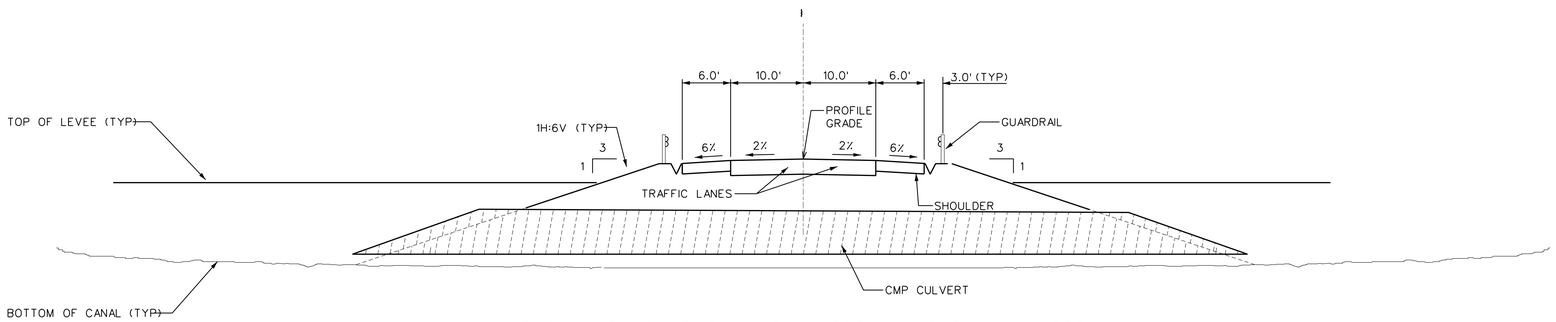
.../dms01064/SMAC129.DGN 05/28/2004 12:25:37 PM

A NOTES:

1. SEE DWG. NO G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL, CURRENT EDITION.
3. FOR ADDITIONAL GUARDRAIL DETAILS REFER TO THE DESIGN STANDARDS OF THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION INDEX NO. 400: SHEETS 11, 15, 16, 18, 20, 24 AND 25 OF 32.
4. SEE DWG NO. C-128 FOR PROFILE GRADES.

LEGEND:

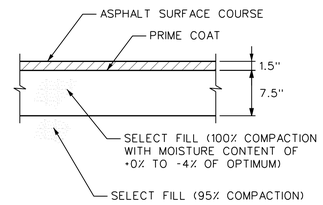
	TRAFFIC SIGN
	PERMANENT TYPE III BARRICADE
R11-2	ROAD CLOSED
W14-1	DEAD END



TYPICAL ROAD SECTION AT GUARDRAIL AND BOX CULVERT

SCALE: A

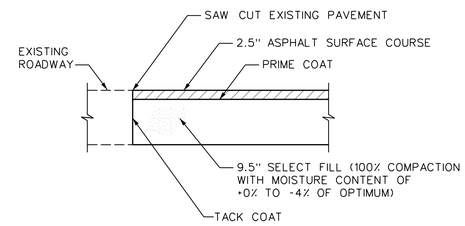
A NOTE: 1. SEE DWG. NOS. C-122 THRU C-125 FOR GUARDRAIL LOCATIONS.
2. ALL DISTURBED AREAS SHALL BE SEEDED EXCEPT THE TRAFFIC LANES AND SHOULDERS.
3. SEE STRUCTURAL DRAWINGS FOR CULVERT DETAILS.



PUMP STATION DRIVEWAY PAVEMENT SECTION

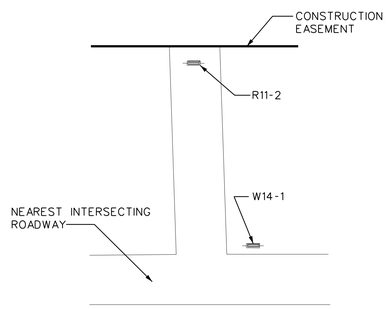
SCALE: NOT TO SCALE

NOTE: 1. SEE DWG. NOS. C-108 AND C-125 FOR PLAN VIEW.



TYPICAL ASPHALT PAVEMENT REPLACEMENT DETAIL

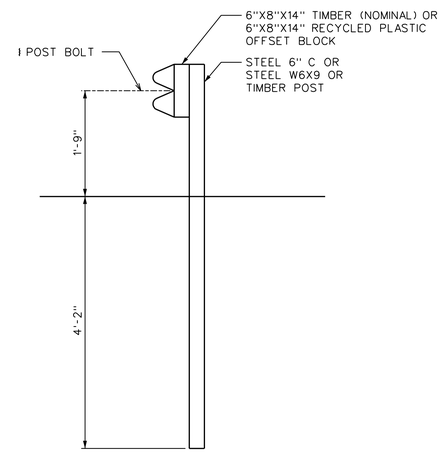
SCALE: NOT TO SCALE



SEE NOTES 2 AND 4.

TYPE I DEAD END ASSEMBLY

SCALE: NOT TO SCALE



SEE NOTE 3

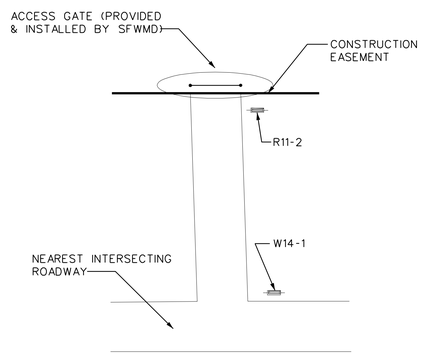
GUARDRAIL DETAIL

A SCALE: NOT TO SCALE

POSTED SPEED LIMITS

197TH - 40 MPH
136TH - 40 MPH
152ND - 40 MPH
168TH - 40 MPH

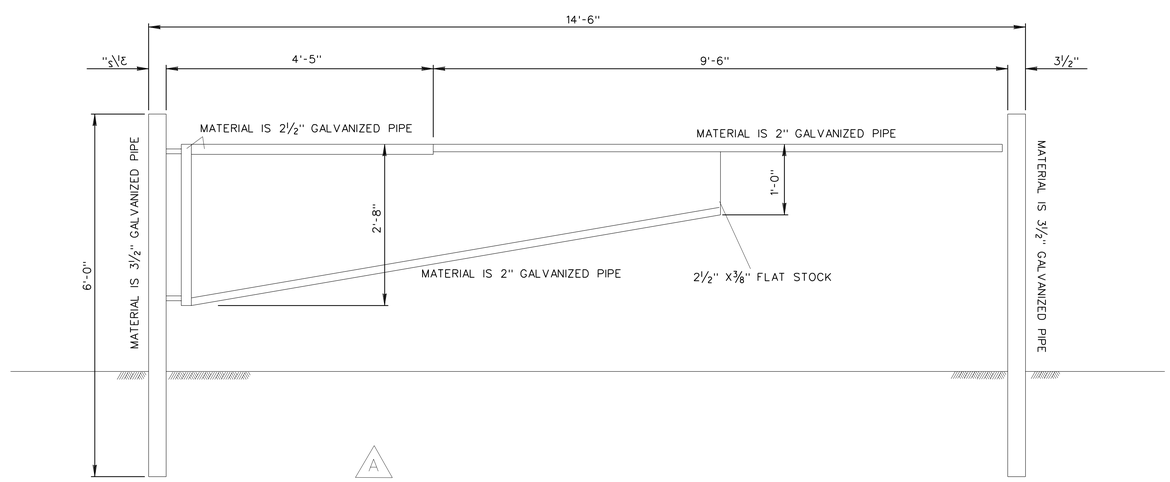
CONTRACTOR TO VERIFY POSTED SPEEDS IN THE FIELD



SEE NOTES 2 AND 4.

TYPE II DEAD END ASSEMBLY

SCALE: NOT TO SCALE



TYPICAL WMD ACCESS GATE

ACCESS GATE (PROVIDED & INSTALLED BY SFWMD) TO BE USED AT ROAD RAMP/LEVEE ACCESS AND TYPE II DEAD END ASSEMBLY

GRAPHIC SCALE "A" 10' 0 10'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	G-2	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
		B-5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
		G-6	REVISED TO ACCOMPANY AMENDMENT NO. 0001	
		D-1	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

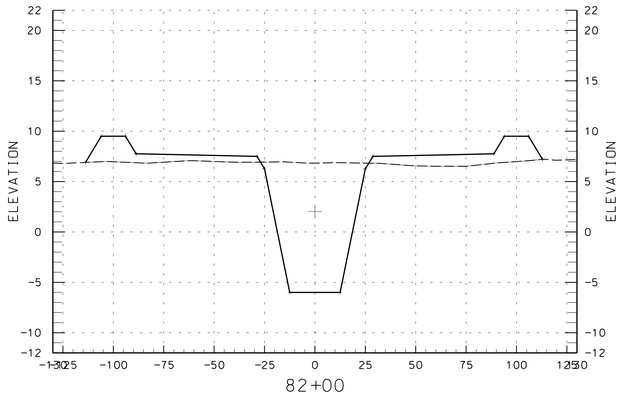
Inv. No. W912EP-04-R-0006
Dated: AS SHOWN
Scale:
Plot date:
Plot scale: 1200:1
Designed by: MWS
Dwn by: MAP
Ckd by: TFP
Dated: SEP 2001
D.O.FILE NO. 402-38.238
File name: SMAC130.DGN
Reference files: SMAGBDR.DGN

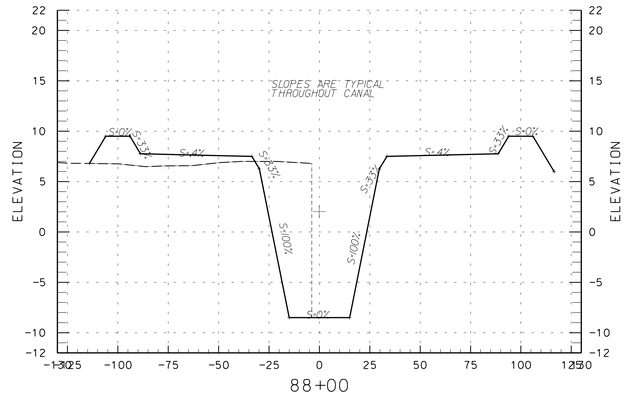
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE
CIVIL
TYPICAL ROAD SECTIONS & DETAILS 2

DRAWING NO.
C-130

$FILE$ $DATE$ $TIME$

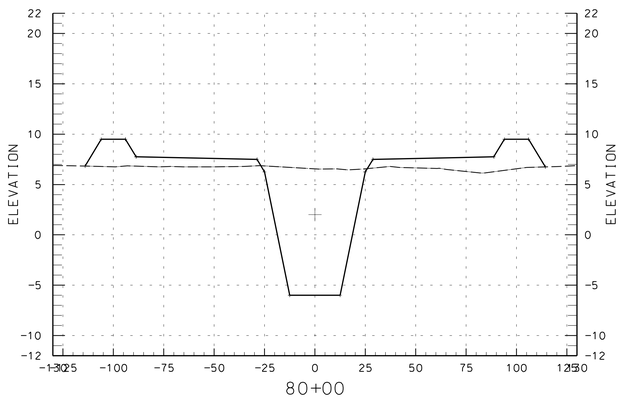
.../dms01064/SMAC130.DGN 05/28/2004 12:33:35 PM

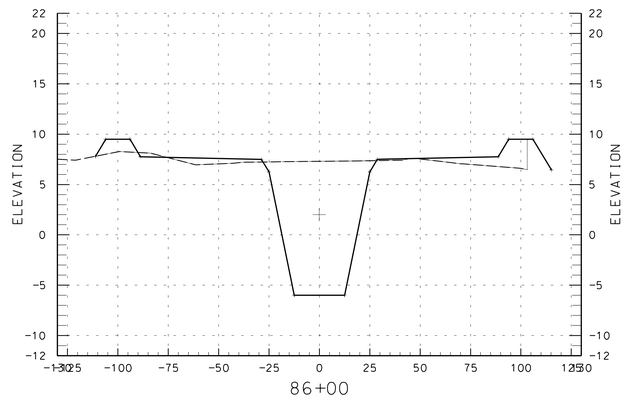


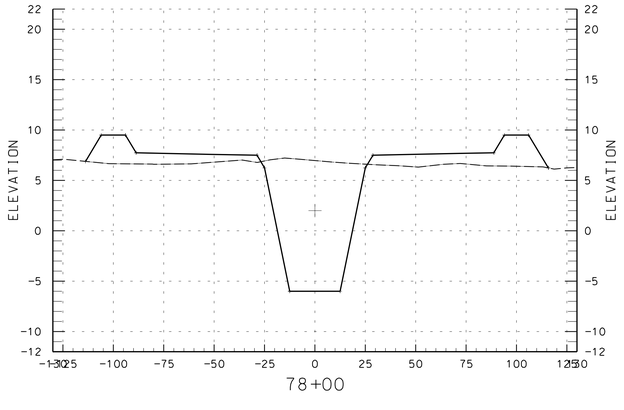


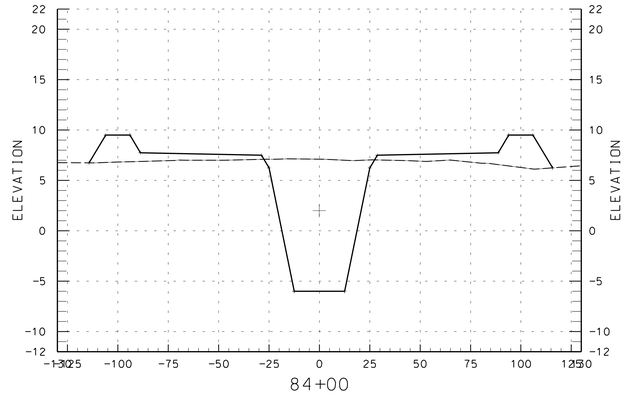
BEGIN 30' CHANNEL WIDTH TRANSITION @ 86+80

A









NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL SECTIONS.
3. DESIGN TEMPLATE ASSUMES CONSTANT ELEVATIONS AND OFFSETS. FIELD EXCAVATIONS MAY REQUIRE VARIANCE FROM DESIGN TEMPLATE.

GRAPHIC SCALES

HORZ. 30' 0 30'

VERT. 6' 0 6'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	E-5	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 20:1

Designed by MWS
Dwn by ECO
Ckd by TFB

File name: SMAC141.DGN
Reference files: VARIOUS EDGN SMAGRDR.DGN

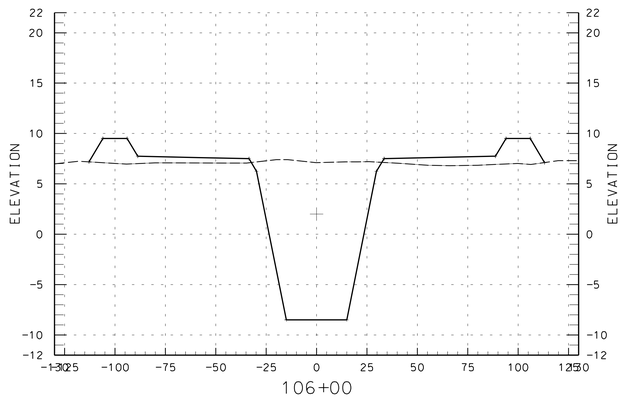
Dated SEP 2001
D.O.FILE NO. 402-38.238

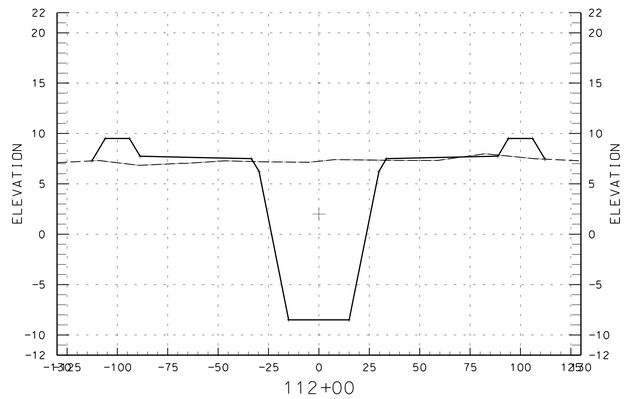
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

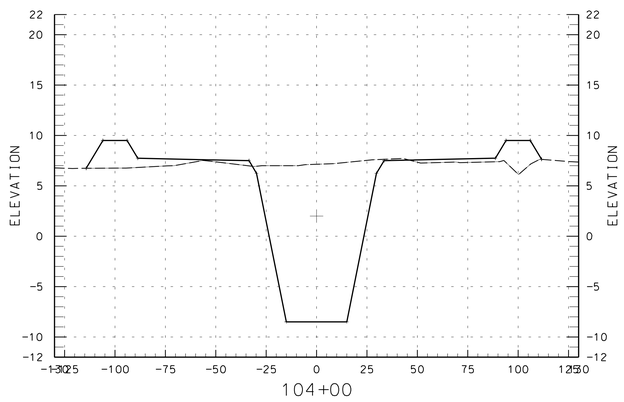
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE

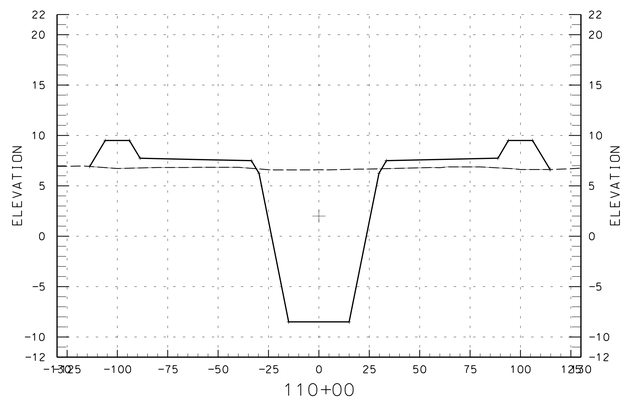
CIVIL
CANAL CROSS SECTIONS
STA 78+00 TO STA 88+00

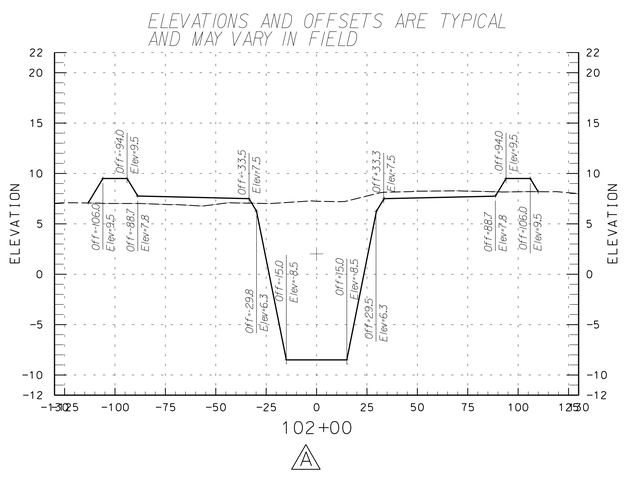
DRAWING NO.
C-141

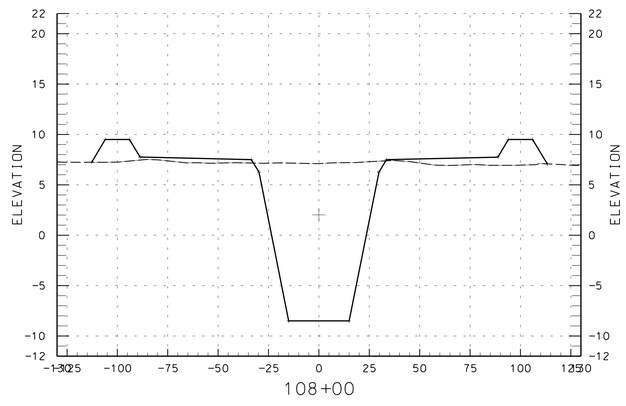












NOTES:

1. SEE DWG. NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE DWG. NO. C-126 FOR TYPICAL CANAL SECTIONS.
3. DESIGN TEMPLATE ASSUMES CONSTANT ELEVATIONS AND OFFSETS. FIELD EXCAVATIONS MAY REQUIRE VARIANCE FROM DESIGN TEMPLATE.

GRAPHIC SCALES

HORZ. 30' 0 30'

VERT. 6' 0 6'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0001	A	B-1	REVISED TO ACCOMPANY AMENDMENT NO. 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 20:1

Designed by: MWS
Dwn by: ECO
Ckd by: TFP

Dated SEP 2001
D.O.FILE NO. 402-38.238

File name: SMAC143.DGN
Reference files: W912EP-04-R-0006 SMAGRID01.DGN SMAGRID02.DGN

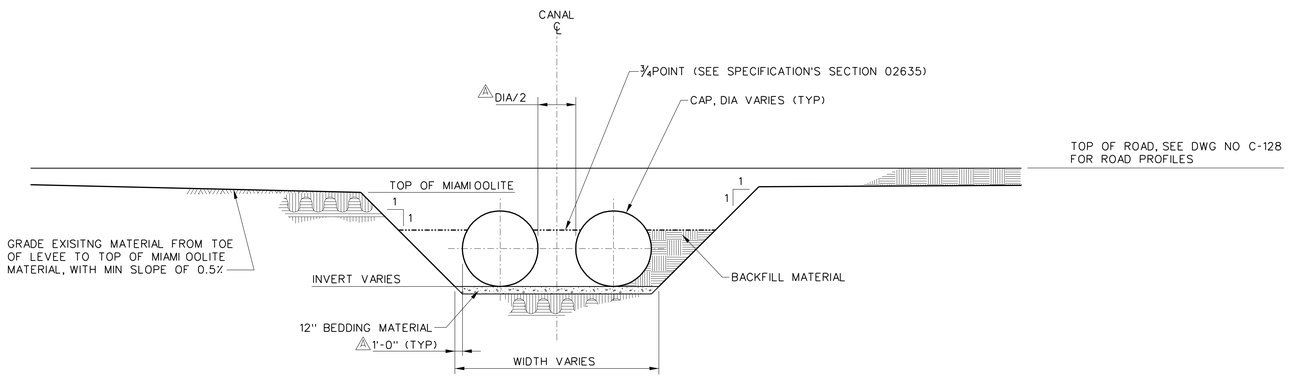
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA) CANAL AND LEVEE

CIVIL
CANAL CROSS SECTIONS
STA 102+00 TO STA 112+00

DRAWING NO.
C-143

TABLE 1				
CULVERT	CULVERT INVERT ELEVATION	LENGTH OF CULVERT	DIAMETER OF CULVERT	
197th AVENUE CULVERT(C-122)	-6.00'	135'-0"	10'-0"	
136th STREET CULVERT(C-123)	-8.50'	149'-0"	10'-0"	
152nd STREET CULVERT(C-124)	-8.50'	149'-0"	12'-0"	
168th STREET CULVERT(C-125)	-8.50'	149'-0"	12'-0"	



SECTION B-B (S-101 / S-102)
SCALE: A

SCALE: 1/8"=1'-0"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
2	A	2D	REVISED TO ACCOMPANY AMENDMENT NO 0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale: 8:1

Designed by: DGH
Dwn by: PRA
Ckd by: SJ

Dated: SEP 2001

D.O.FILE NO. 402-38,238

File name: SMAS102.DGN
Reference files: SMAGBDR.DGN SMACEN-DS_01.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
CANAL AND LEVEE
STRUCTURAL
CULVERT TRAVERSE SECTION

DRAWING NO.
S-102

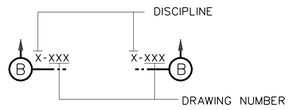
$DATE$ $FILE$ $TIME$

smas102.dgn 05/20/2004 02:54:03 PM

ABBREVIATIONS

APPROX.	APPROXIMATELY
BLDG	BUILDING
BOP	BOTTOM OF PIPE
BOT	BOTTOM
CL OR ℄	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
CONN	CONNECTION (CONNECT)
CONT	CONTINUATION OR CONTROL
DBA	DEFORMED BAR ANCHOR
DEG OR °	DEGREE
DIA OR ~	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG.	DRAWING
EA	EACH OR EXHAUST AIR
ECC	ECCENTRIC
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATION
ELEC	ELECTRIC
ENGR	ENGINEER
EQUIP	EQUIPMENT
EST	ESTIMATE
EXIST	EXISTING
FD	FLOOR DRAIN
FF	FINISHED FLOOR OR FINAL FILTER
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FS	FAR SIDE
FT3	CUBIC FEET
GA	GAUGE
GALV	GALVANIZED
HORZ.	HORIZONTAL
HGT	HEIGHT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INCL	INCLUDING (INCLUDE)
INV	INVERT
L	LENGTH
LB	POUND
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MO	MIDDLE ORDINATE
MATL	MATERIAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NWT	NORMAL WEIGHT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFSET
OPG	OPENING
PI	POINT OF INTERSECTION
PL OR ℄	PLATE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
QTY	QUANTITY
REQD	REQUIRED
REV	REVISE (REVISION) OR REVOLUTIONS
R.O.W.	RIGHT-OF-WAY
SCH	SCHEDULE
SFWMD	SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STEEL
STA	STATION
STD	STANDARD
TEMP	TEMPERATURE OR TEMPORARY
THRU	THROUGH
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TYP	TYPICAL
VERT.	VERTICAL
WT	WEIGHT
W/	WITH
W/O	WITHOUT
&	AND
@	AT

LEGEND



SECTION MARKERS

- POWER POLE
- POWER POLE W/ GUY
- FENCE
- R/W — RIGHT-OF-WAY
- SOIL BORING OR TEST PIT
- CUT SLOPE INDICATOR
- FILL SLOPE INDICATOR
- TREES — EDGE OF VEGETATION

GENERAL NOTES:

1. CONTRACTOR WILL HAVE SITE ACCESS FROM ALL PUBLIC ROADS ADJACENT TO THE SITE.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE FROM ALL POWER LINES AS LISTED IN EM 385-1-1.
3. CONTRACTOR SHALL REMOVE ALL UTILITY POLES, (25 FT ABOVE GROUND) INSIDE THE R.O.W. LIMITS INDICATED ON THE DRAWINGS, AND BACKFILL IF NECESSARY, UNLESS NOTED OTHERWISE.
4. ALL UTILITIES (EXCEPT POLES) WILL BE RELOCATED OR REMOVED BY OTHERS PRIOR TO CONSTRUCTION.
5. (1) ALL EXCESS SUITABLE MATERIAL SHALL BE STOCKPILED ON THE OUTSIDE OF THE STA LEVEES. THE EXCESS MATERIAL SHALL BE A MINIMUM OF 10' FROM THE TOE OF THE FILTER BLANKETS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	(1)	F	REVISED TO CONFORM TO AMENDMENT #0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: NONE
Plot date:
Plot scale: 1:1

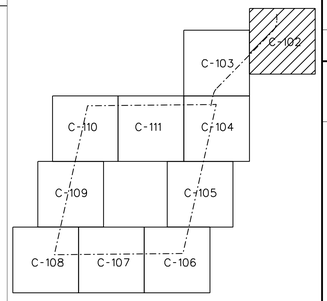
Designed by: MRD
Dwn by: MRD
Ckd by: TFP

Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAG003.DGN
Reference files: STAGEBGR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) STORMWATER TREATMENT AREA
GENERAL
GENERAL NOTES, LEGEND AND ABBREVIATIONS

DRAWING NO.
G-003



KEY PLAN

NOTES:
1. STRUCTURES SHOWN TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION.

2. ALL IRRIGATION WELLS LOCATED WITHIN THE FLOW-WAY AND STA SHOULD BE CAPPED AND PLUGGED BASED ON CURRENT STANDARDS.

N

SCALE: 1"=50'

50' 0 50'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
13	A	0	REVISED TO CONFORM TO AMENDMENT #0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: R.L.H.
Ckd by: ?.?.?.

Dated: SEP 2001
D.O.FILE NO. 402-38,239

File name: STAC102.DGN
Reference files: STAGBDR.DGN F007-ELEV.DGN F007-CONT.DGN F007-PLAN.DGN 357CSP21.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
SITE PLAN 1 FLOW-WAY

DRAWING NO.
C-102

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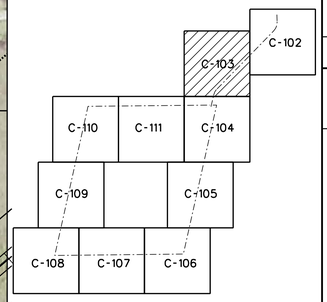


KEY PLAN

NOTES:
1. ALL STRUCTURES SHALL BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS.

N

SCALE: 1"=50'
50' 0 50'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1		F-G	REVISED TO CONFORM TO AMENDMENT #001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ....
Plot scale:

Designed by: M.R.D.
Dwn by: R.L.H.
Ckd by: ?.?.?.
Date: SEP 2001
D.O.FILE NO. 402-38,239

File name: STAC103.DGN
Reference files:
SSCAD8FDN.DGN
F007-PLAN.DGN
F007-CONT.DGN
F007-CNTL.DGN
F007-ELEV.DGN
STORMSEC.DGN
F007SHD3.TIF

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

8.5 SQUARE MILE AREA (SMA) STORMWATER TREATMENT AREA

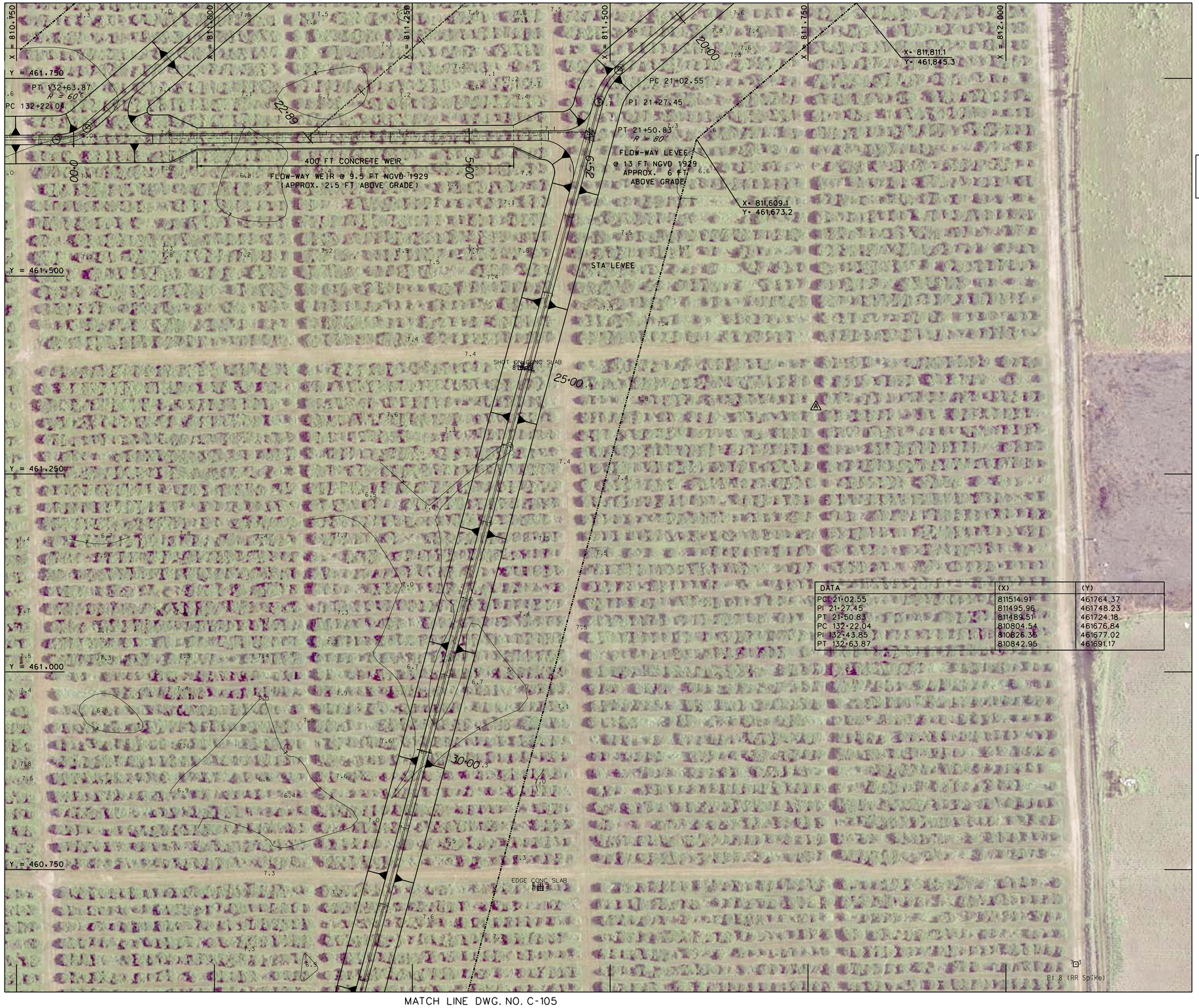
CIVIL

SITE PLAN 2 FLOW-WAY

DRAWING NO.
C-103

STAC103.dgn 05/25/2004 05:59:06 PM

MATCH LINE DWG. NO. C-103



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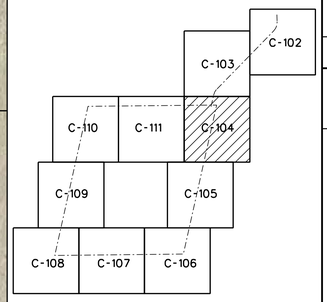
PT 21+50.83	811489.51	461724.18
PC 132+22.04	810804.54	461676.84
PI 132+43.85	810826.35	461677.02
PT 132+63.87	810842.95	461691.17

MATCH LINE DWG. NO. C-111

MATCH LINE DWG. NO. C-105

KEY PLAN



NOTES:
1. SEE DWG NO. S-101 FOR WEIR PLAN AND DETAILS.

SCALE: 1"=50'
50' 0 50'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	A	E	REVISED TO CONFORM TO AMENDMENT #001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Designed by: M.R.D.
Dwn by: R.L.H.
Ckd by: ?.?.?.
Date:
Scale: AS SHOWN
Plot date:
Plot scale:
Date: SEP 2001
D.O.F. FILE NO. 402-38,239

File name: STAC104.DGN
Reference files: S7F001.DGN F007-PLAN.DGN F007-CONT.DGN F007-CNTL.DGN F007-ELEV.DGN F007-CONN.DGN F007SHA4.TIF

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

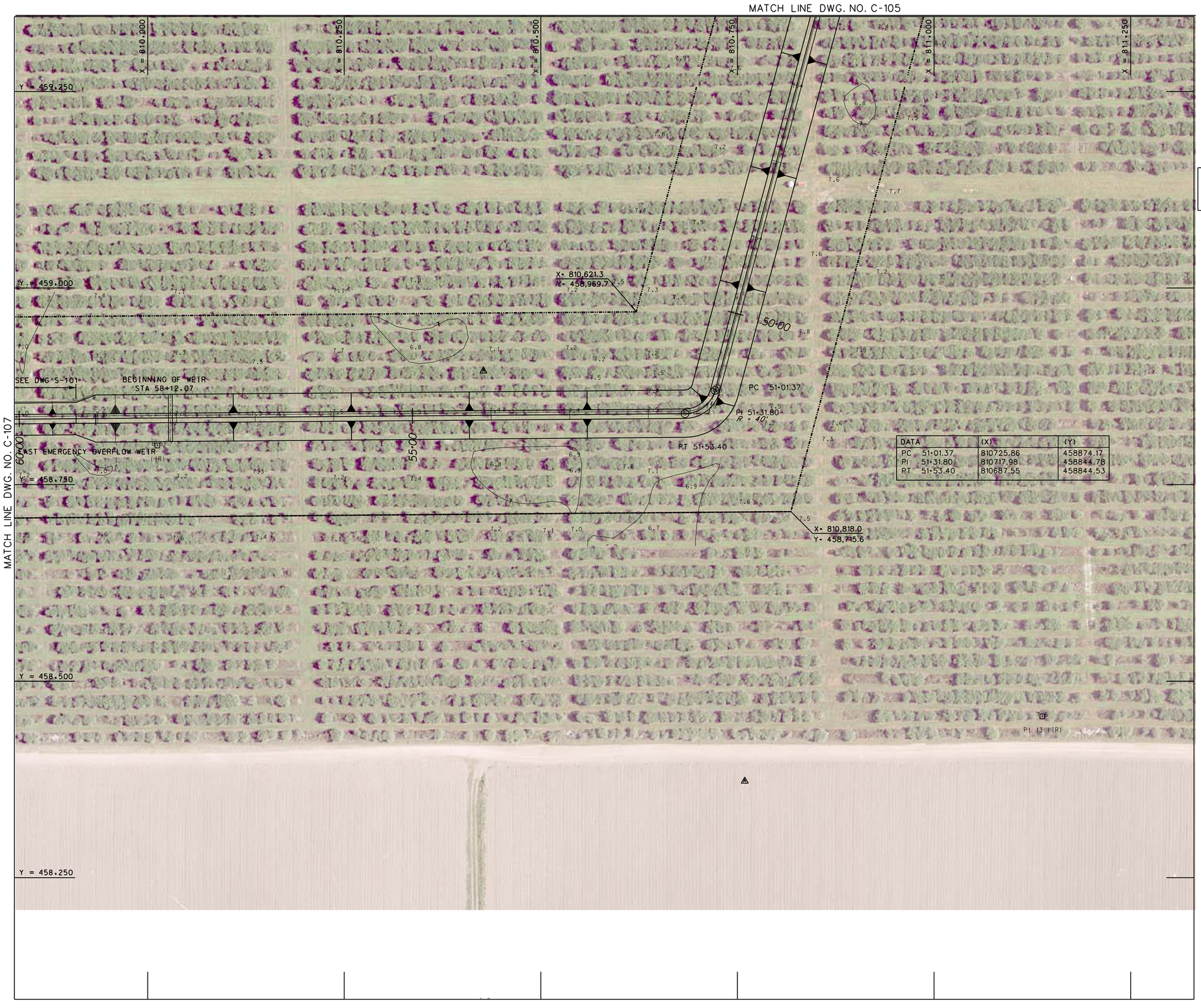
8.5 SQUARE MILE AREA (SMA) STORMWATER TREATMENT AREA

CIVIL

SITE PLAN 3 STA LEVEE

DRAWING NO.
C-104

STAC104.dgn 05/25/2004 06:00:38 PM



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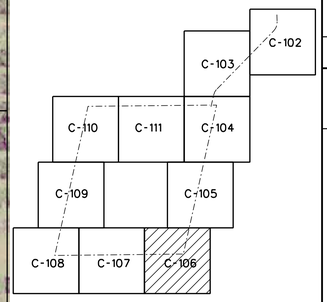


KEY PLAN

NOTES:
1. SEE DWG S-101 FOR WIER PLANS AND DETAILS.

N

SCALE: 1"=50'

50' 0 50'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
0002	4	C,D-4	REVISED TO ACCOMPANY AMENDMENT #0001	
0001	4	E-3	REVISED TO ACCOMPANY AMENDMENT #0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. N91GEP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: M.R.D.
Dwn by: R.L.H.
Ckd by: ???
Dated: SEP 2001
D.O. FILE NO. 402-38.239

File name: STAC106.DGN
Reference files: S1GEN000.DGN F007-PLAN.DGN F007-CONT.DGN F007-CNTL.DGN F007-ELEV.DGN S1GRAS00.DGN F007GRID.TIF

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA

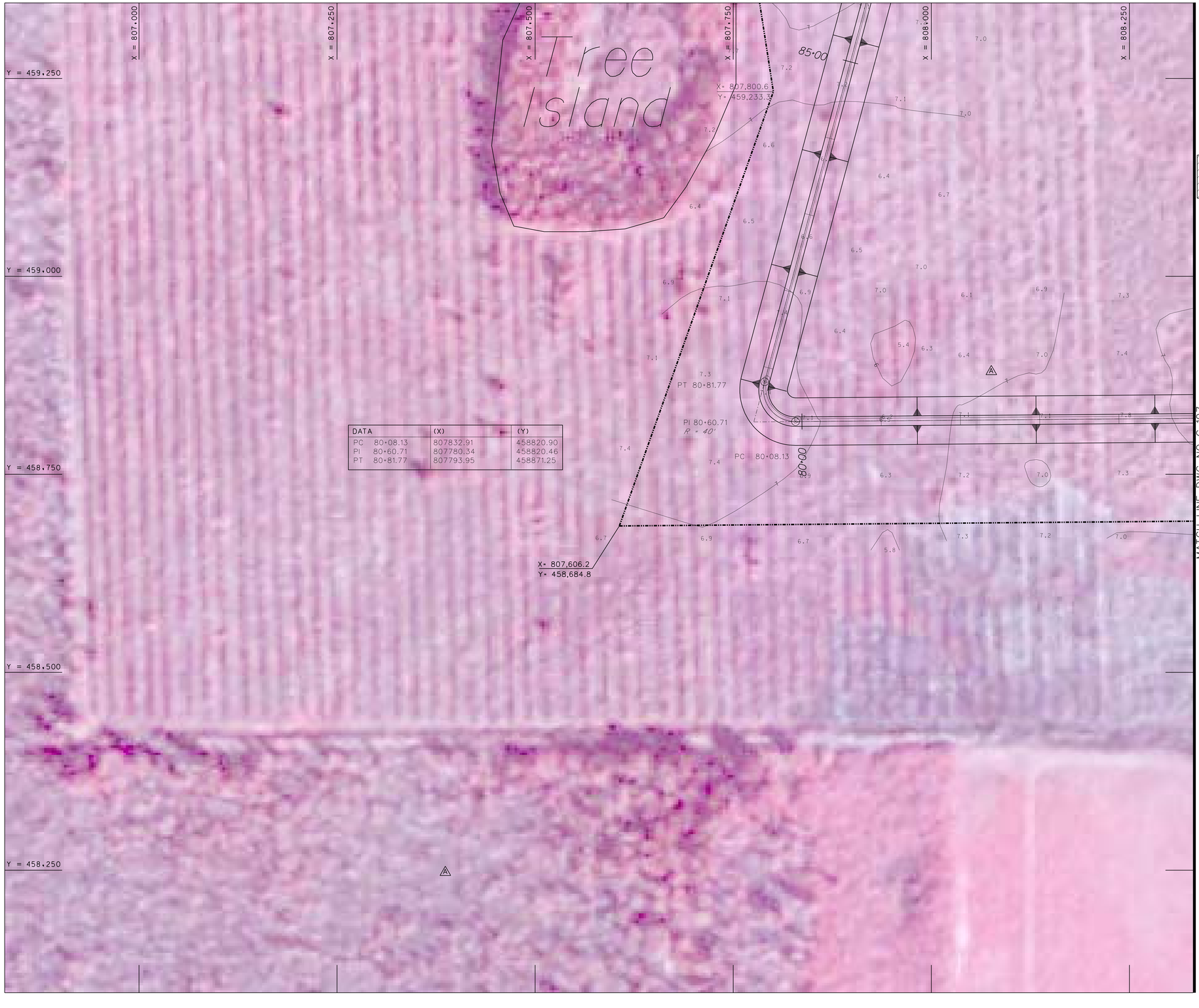
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA

CIVIL

SITE PLAN 5 STA LEVEE

DRAWING NO.
C-106

STAC106.dgn 05/25/2004 03:12:41 PM



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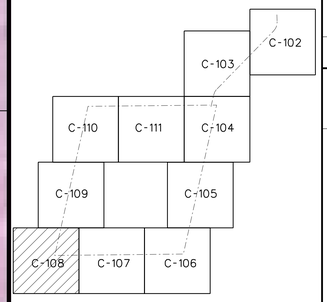

KEY PLAN

NOTES:
1. SEE DWG C-112 FOR TYPICAL SECTION.

N

SCALE: 1"=50'

50' 0 50'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
1	△	C-2	REVISED TO CONFORM TO AMENDMENT +0001	
		F.G-4	REVISED TO CONFORM TO AMENDMENT +0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date:
Plot scale:

Designed by: M.R.D.
Dwn by: ?.?.?.
Ckd by: ?.?.?.

Dated: SEP 2001
D.O.FILE NO. 402-38,239

File name: STAC108.DGN
Reference files: STAGBDR.DGN F007-PLAN.DGN F007-CONT.DGN F007-CNTL.DGN F007-ELEV.DGN STABASE.DGN F007SH11.TIF

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
SITE PLAN 7 STA LEVEE

DRAWING NO.
C-108

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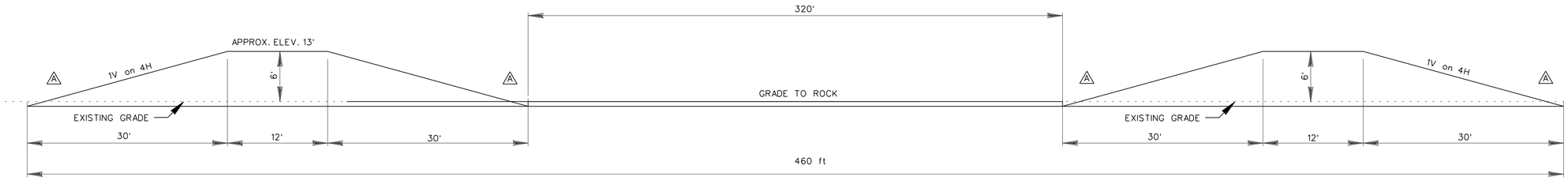
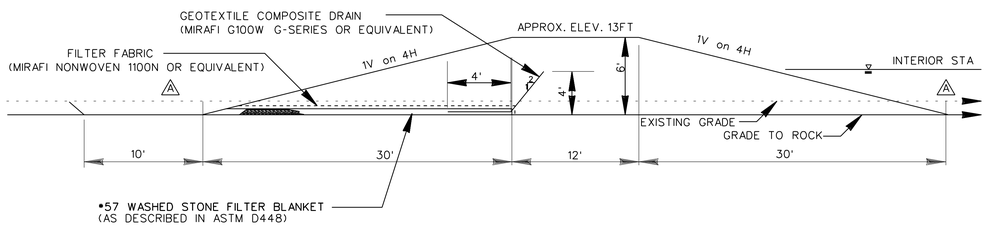


TYPICAL FLOW-WAY SECTION

START (STA. 0+00 TO STA. 22+89)



TYPICAL STA LEVEE SECTION

START (STA. 0+00 TO STA. 157+35)

NOTES:

1. SEE DWG NO. G-003 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. ALL LEVEES SHALL BE GRASSED TO PREVENT EROSION.
3. (A) THE ENTIRE AREA FOR THE FLOWWAY AND STA SHALL BE SCRAPED DOWN TO ROCK.
4. (A) SCRAPED MATERIAL FOR LEVEE CONSTRUCTION SHALL REQUIRE A FILTER BLANKET AND COMPOSITE DRAIN.

GRAPHIC SCALE

200' 0 200' 400'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved
8	A	A - H	REVISED TO CONFORM TO AMENDMENT #0001	

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: M.R.D.
Ckd by: ?.?.?.

Dated: SEP 2001
D.O.FILE NO. 402-38,239

File name: STAC112.DGN
Reference files: STAGBDR.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
TYPICAL FLOW WAY & LEVEE SECTION
STA. 0+00 TO STA. 157+35

DRAWING NO.
C-112

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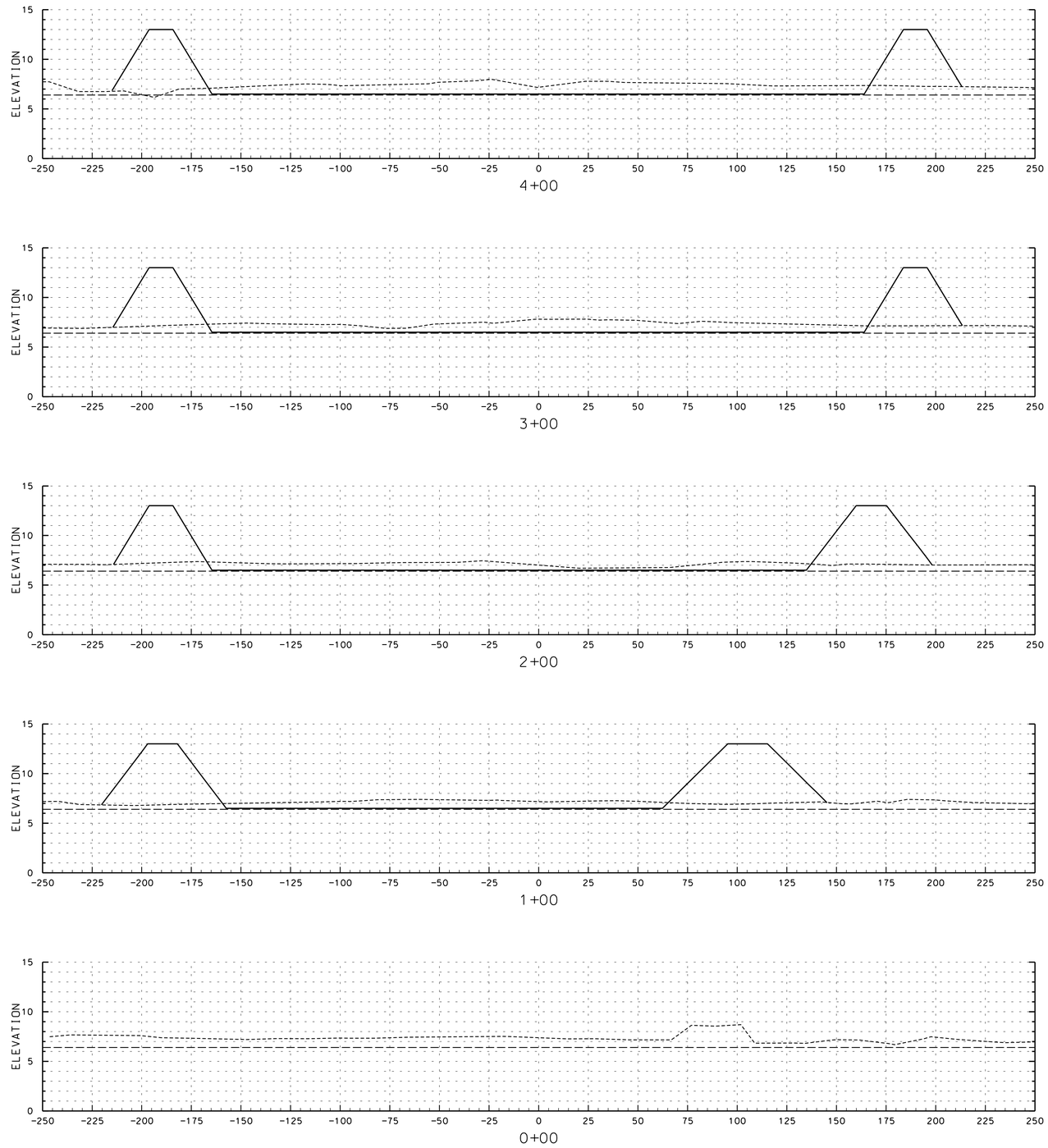

NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.

Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC113.DGN
Reference files: STAGBDR.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
STA. 0+00 TO STA. 4+00

DRAWING NO.
C-113

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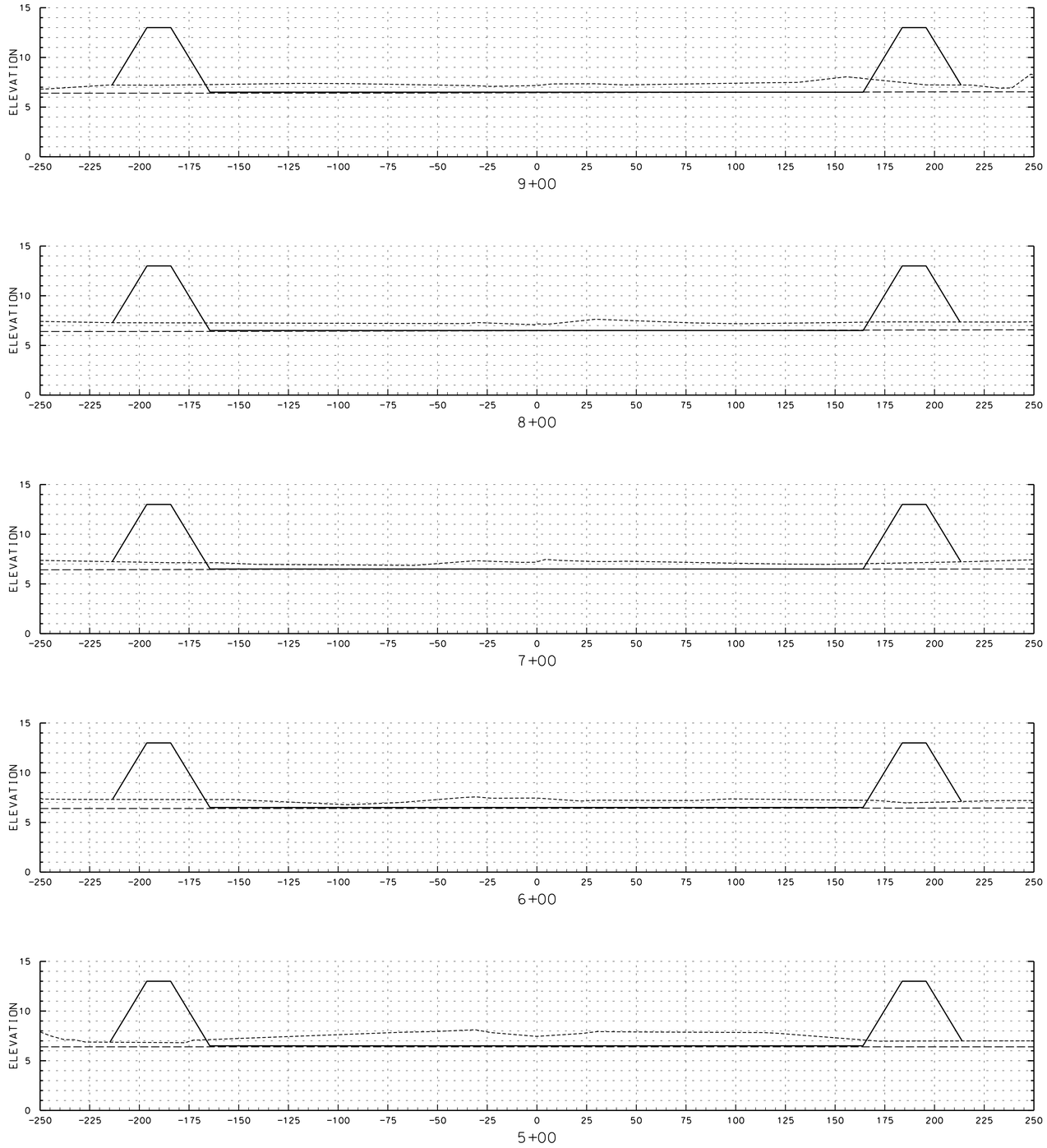


NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.

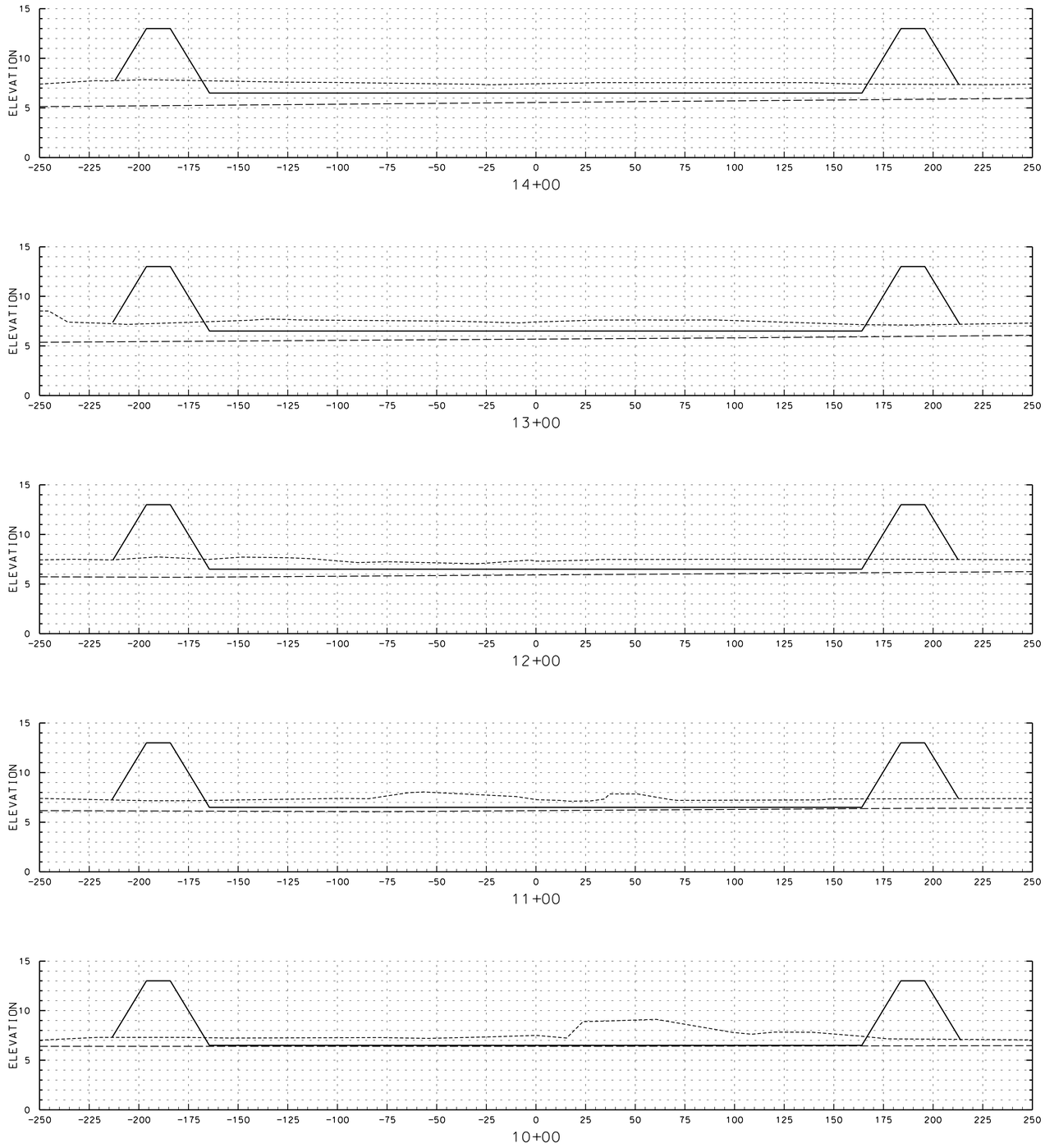
Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC114.DGN
Reference files: STAGBDR.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
STA. 5+00 TO STA. 9+00

DRAWING NO.
C-114

.../dms01062/STAC114.dgn 04/29/2004 12:42:43 PM



NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.

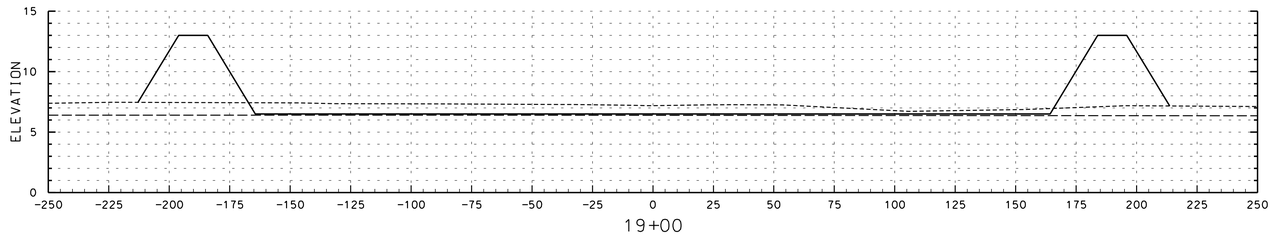
Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC115.DGN
Reference files: STAGBDR.DGN STABASE.DGN

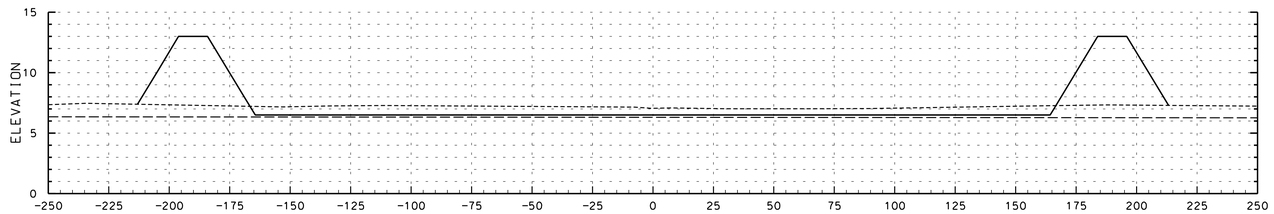
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
STA. 10+00 TO STA. 14+00

DRAWING NO.
C-115

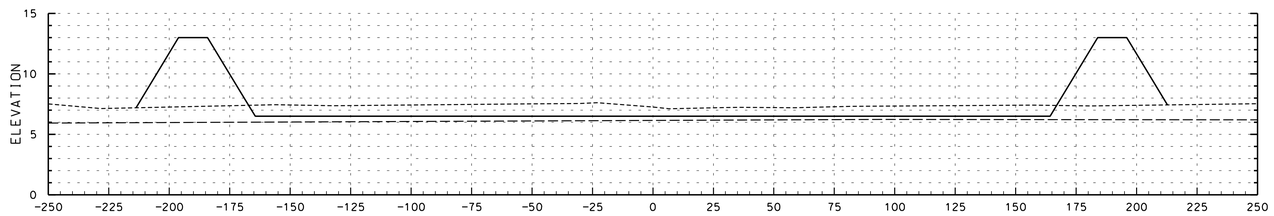
c:/sajpwlocal/dms01062/STAC115 04/29/2004 12:26:03 PM



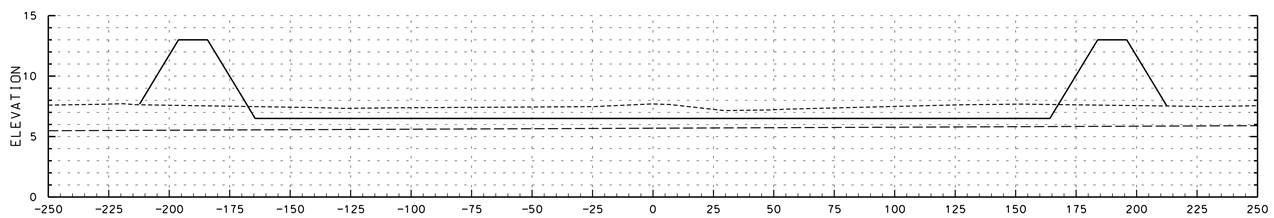
19+00



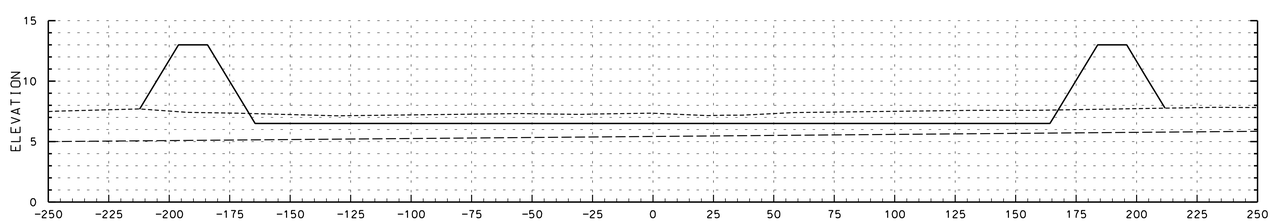
18+00



17+00



16+00



15+00

NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

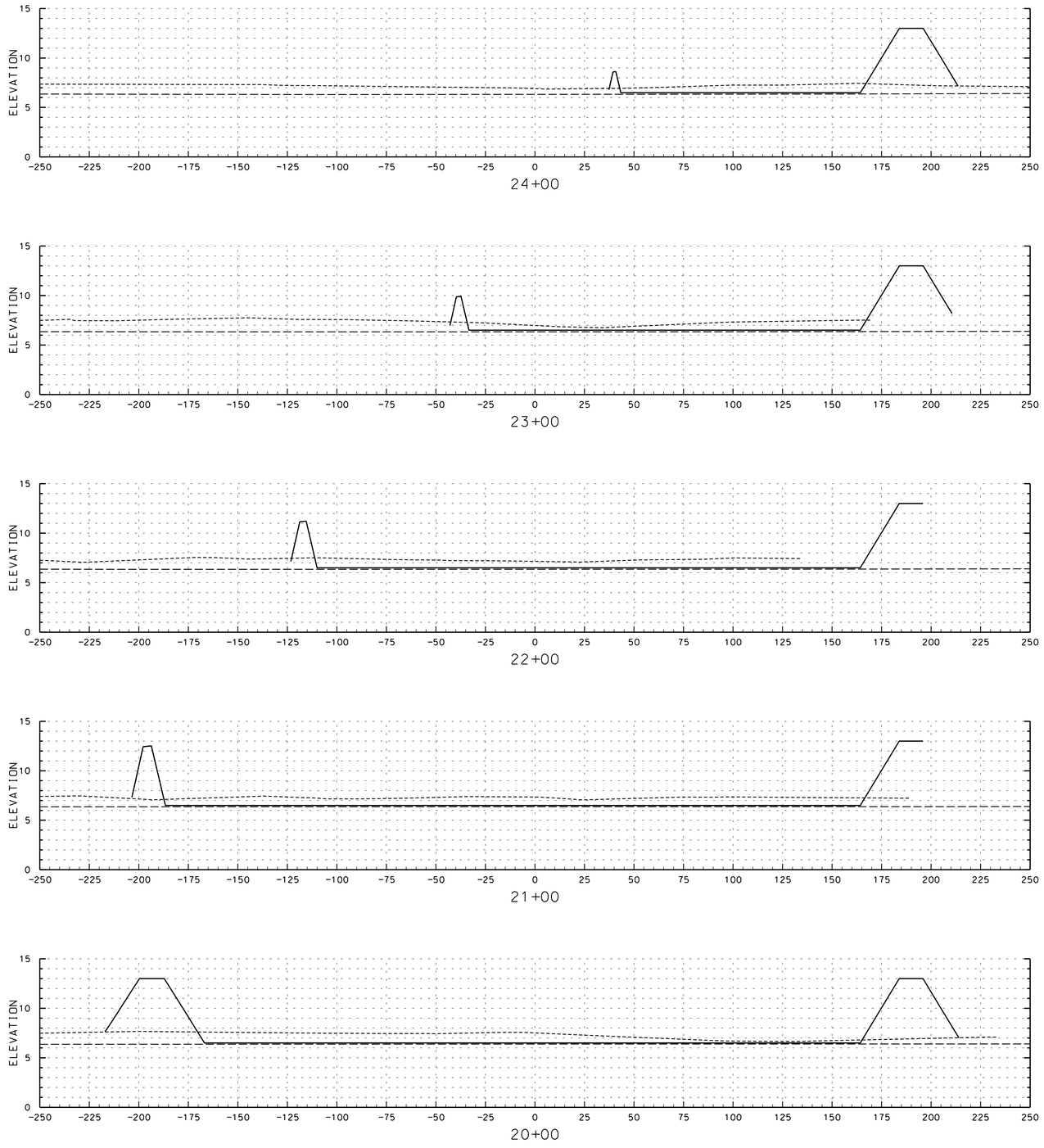
Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ...
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.
Dated: SEP 2001
D.O. FILE NO. 402-38.239

File name: STAC116.DGN
Reference files: STAC100.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA) STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
STA. 15+00 TO STA. 19+00

DRAWING NO.
C-116



NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.

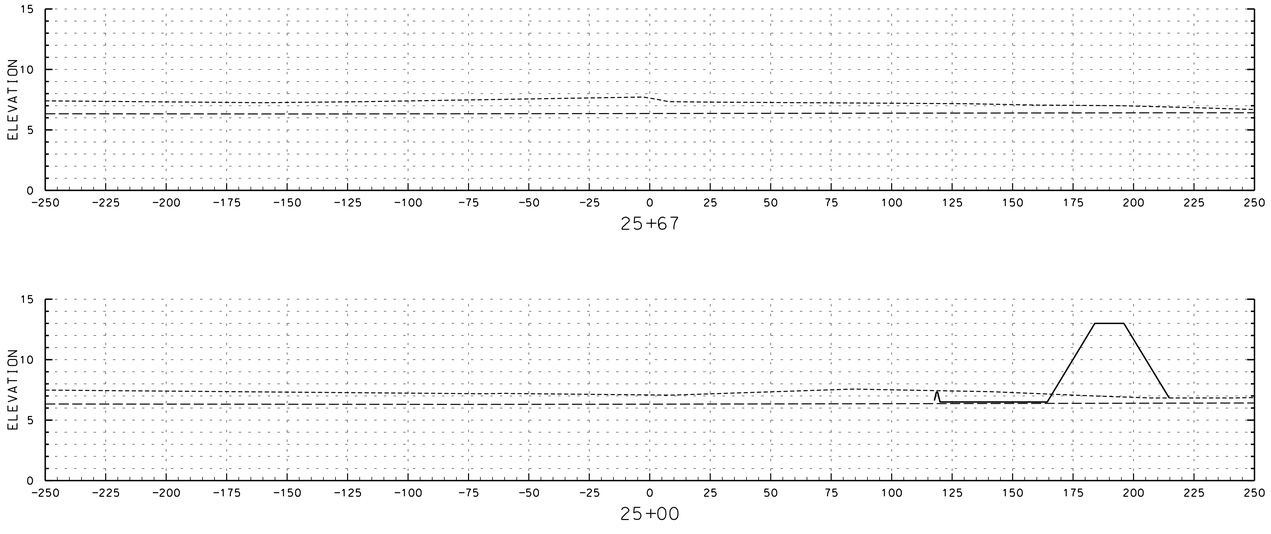
Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC117.DGN
Reference files: STAGBDR.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
STA. 20+00 TO STA. 24+00

DRAWING NO.
C-117

.../dms01062/STAC117.dgn 04/29/2004 12:49:06 PM



NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

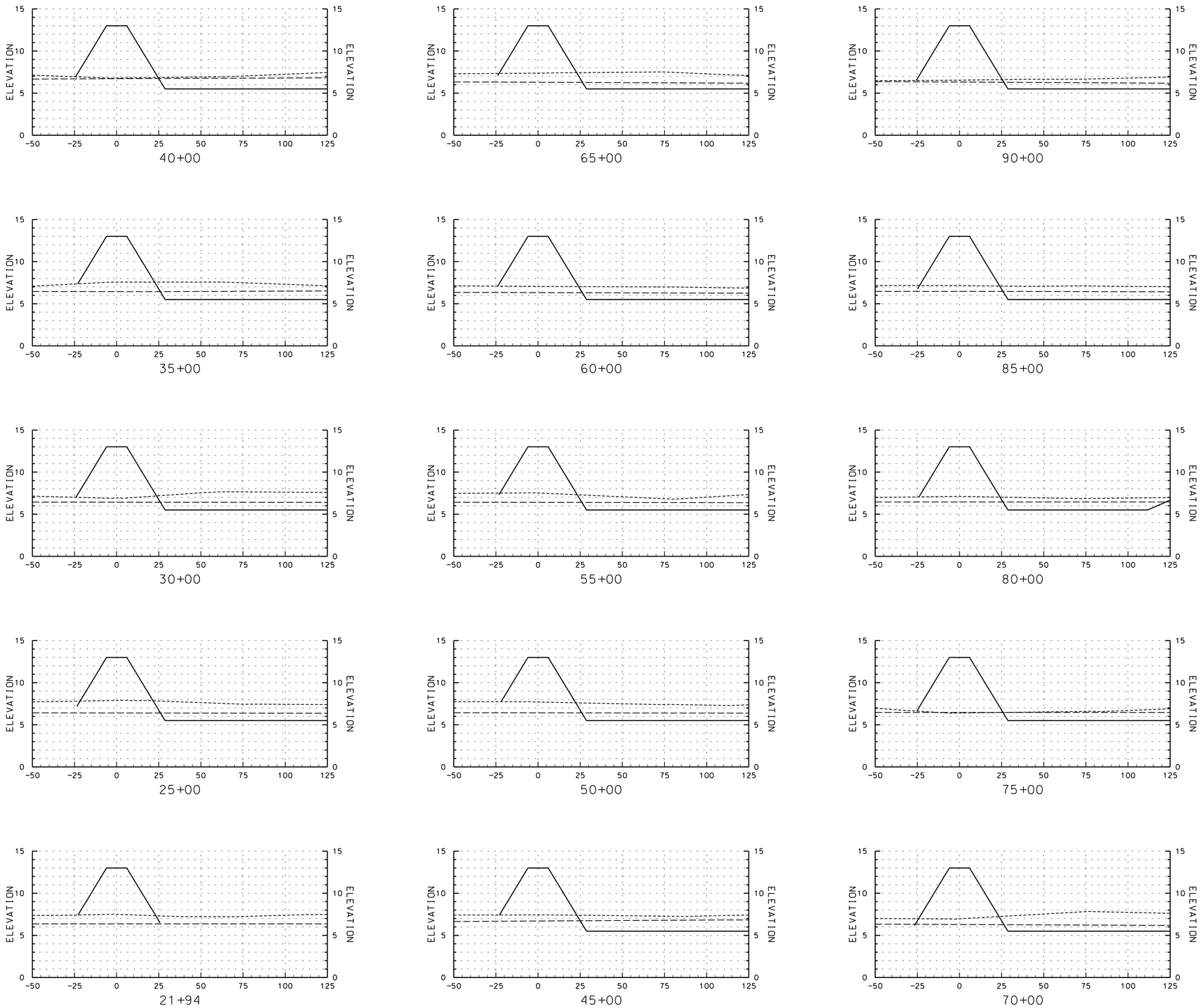
Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.
Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:
Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC118.DGN
Reference files: STAGBDR.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
FLOW-WAY CROSS SECTIONS
DWG TITLE SECOND LINE IF REQX

DRAWING NO.
C-118

.../dms01062/STAC118.dgn 04/29/2004 12:52:54 PM



NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

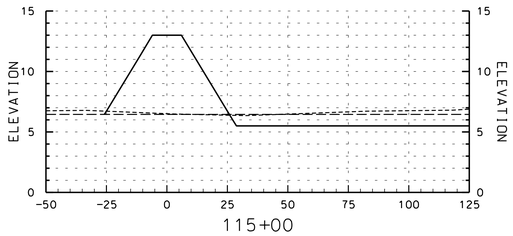
Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.
Inv. No. W912EP-04-R-0006
Dated:
Scale: AS SHOWN
Plot date: ****
Plot scale:
Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC119.DGN
Reference files: STAGBDR.DGN STAGBASE.DGN

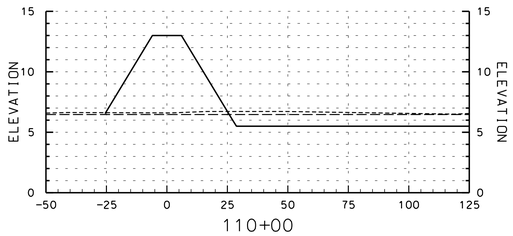
MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
LEVEE CROSS SECTIONS
STA. 21+94 TO STA. 90+00

DRAWING NO.
C-119

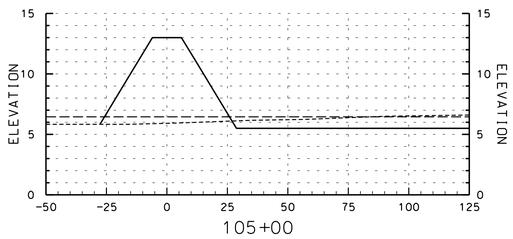
.../dms01062/STAC119.dgn 04/29/2004 12:55:34 PM



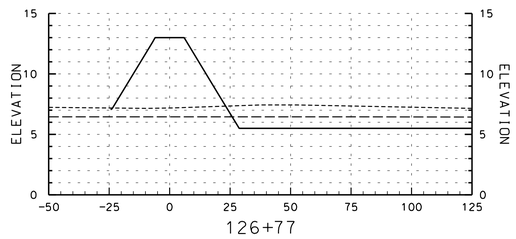
115+00



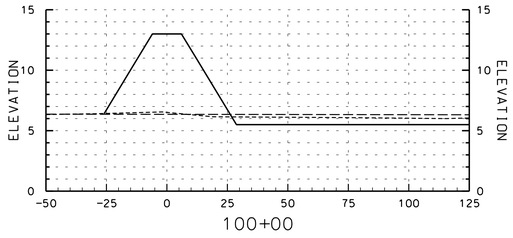
110+00



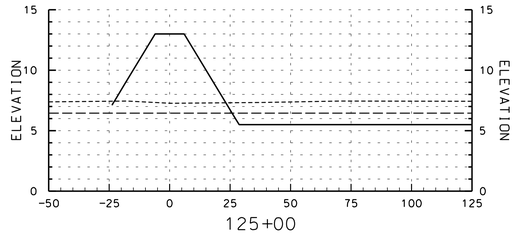
105+00



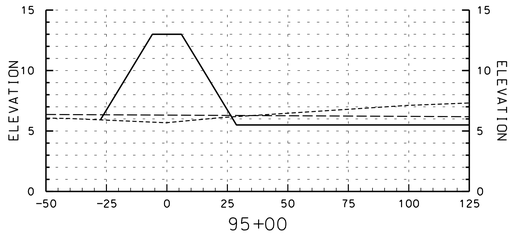
126+77



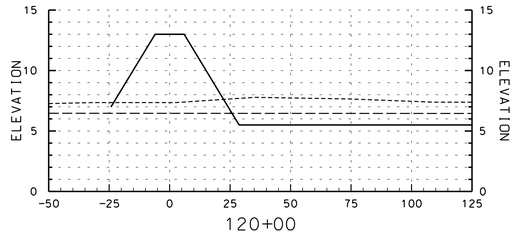
100+00



125+00



95+00



120+00

NOTES:

1. SEE DRAWING NO. G-003 FOR GENERAL NOTES.
2. SEE DRAWING NO. C-113 FOR TYPICAL SECTIONS.
3. FOR TYPICAL LEVEE CROSS SECTION SEE DWG NO. 113.

LEGEND

FINISHED GRADE

EXISTING GRADE

ROCK

"A" (HORIZ.) 25' 0 25' 50'

"B" (VERT.) 5' 0 5' 10'

GRAPHIC SCALES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. W912EP-04-R-0006
Dated:
Scale:
Plot date:
Plot scale:

Designed by: M.R.D.
Dwn by: M.J.B.
Ckd by: ?.?.?.

Dated: SEP 2001
D.O.FILE NO. 402-38.239

File name: STAC120.DGN
Reference files: STAGBDR.DGN STABASE.DGN

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK
DADE COUNTY, FLORIDA
8.5 SQUARE MILE AREA (SMA)
STORMWATER TREATMENT AREA
CIVIL
LEVEE CROSS SECTIONS
STA. 95+00 TO STA. 126+77

DRAWING NO.
C-120

.../dms01062/STAC120.dgn 04/29/2004 12:58:39 PM